

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



Silver Lace Vine

French Lilacs

Marie Le Gray
White

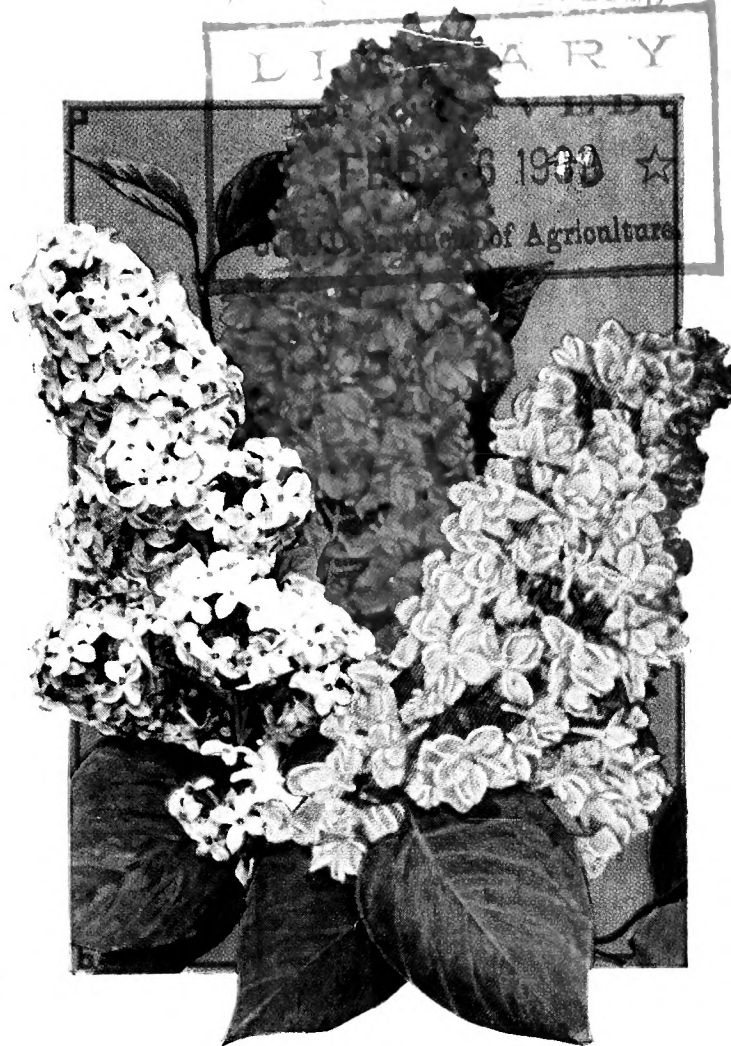
Philemon
Double Violet-
Purple

Marc Michael
Double
Lavender

Nice 12-18 inch
shrubs, all 3 for

\$1.00

Prepaid

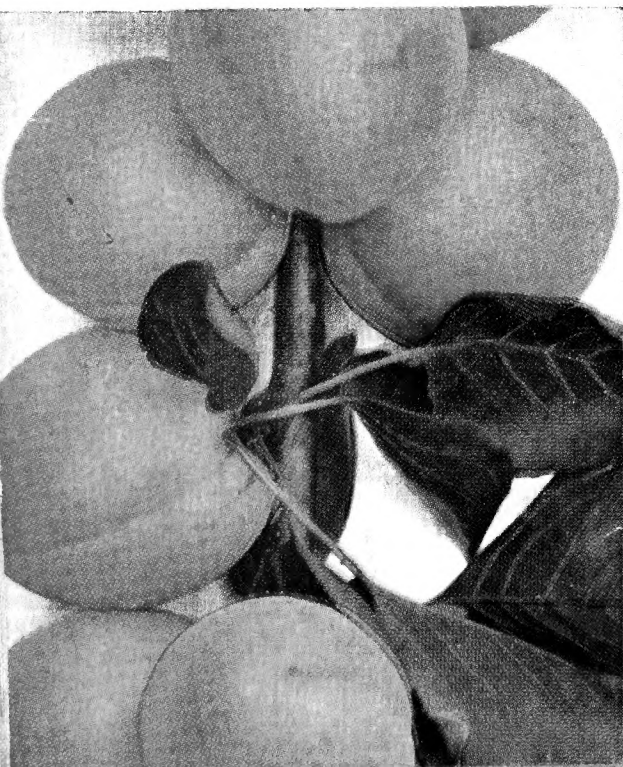


ESTABLISHED
1886

Sonderegger
TREES AND SEEDS THAT GROW
**NURSERIES
and SEED HOUSE**

BEATRICE, NEBRASKA

1940 Garden Book



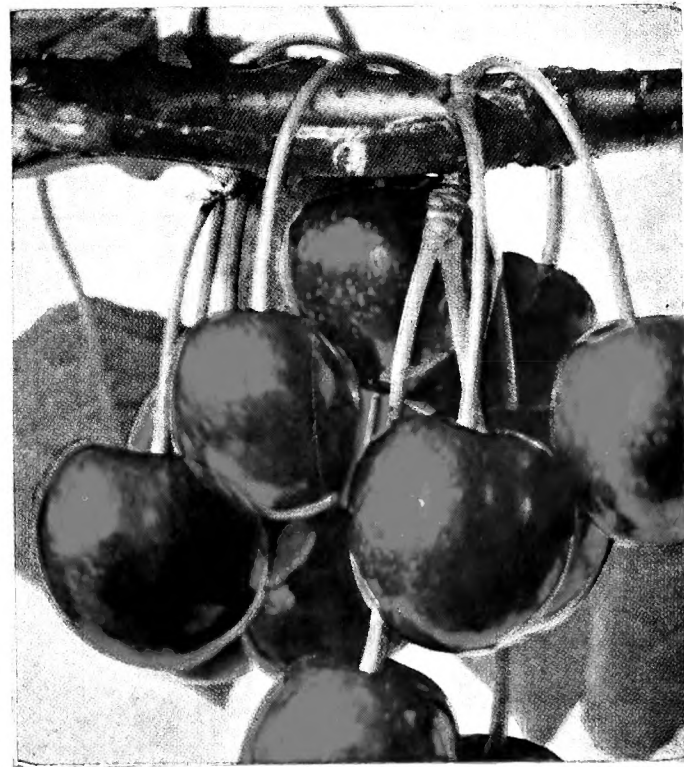
Peach-Cot The Grand New Fruit

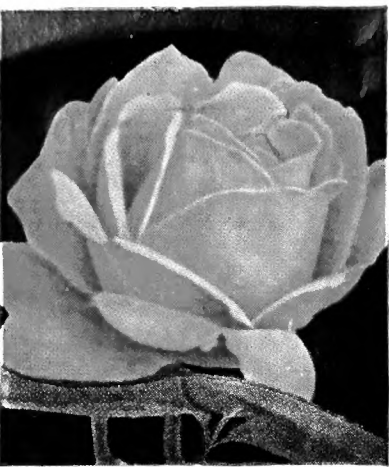
Like the best of Apricot in flavor and smoothness, combined with the full rich taste of the peach. Larger than Apricots, hardy anywhere in the Middle West and East. A wonderful tree.

	1	3	10
2-3 ft., prepaid....	\$0.50	1.35	4.00
3-4 ft., prepaid....	.60	1.65	5.00
4-6 ft., express....	.85	2.30	7.00

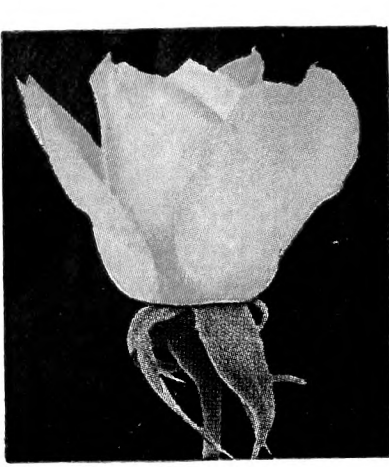
Montmorency Cherry

Hardy, most productive, finest for pies and canning. 3-4 ft. No. 1 trees, 3 for \$1.35, prepaid. See page 7 for other sizes.

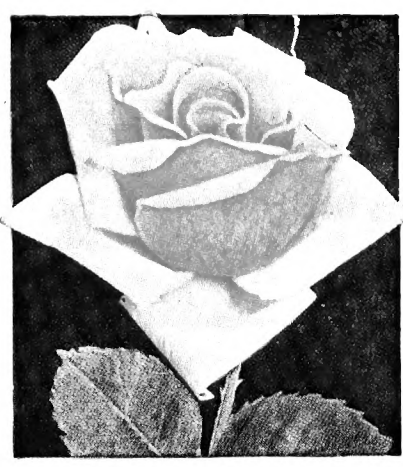




GRENOBLE



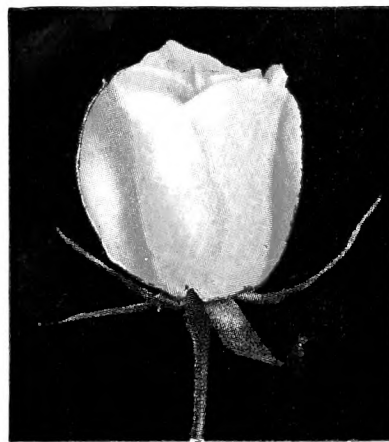
VILLE DE PARIS



PINK RADIANCE



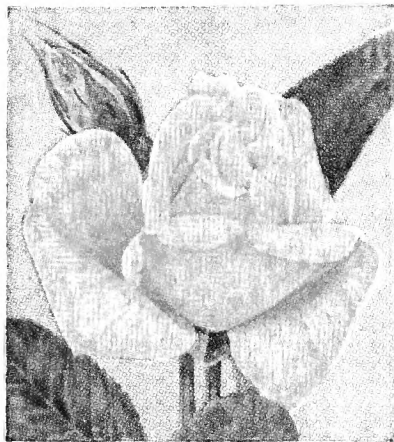
K. A. VICTORIA



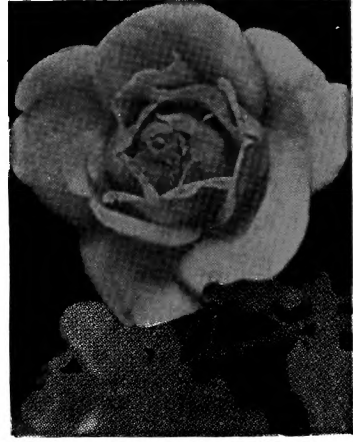
TALISMAN



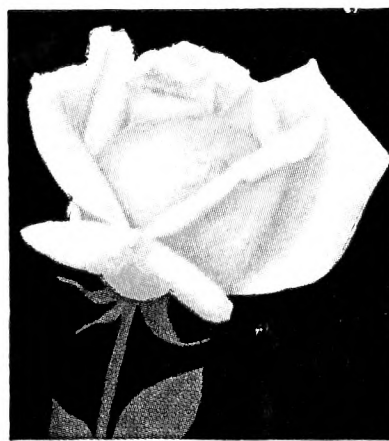
E. G. HILL



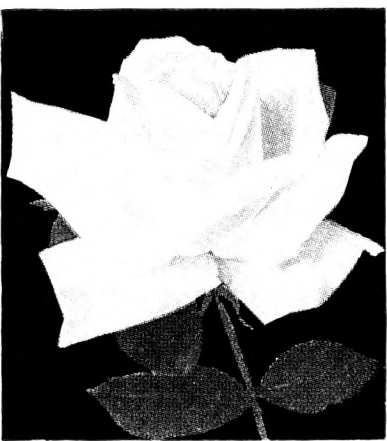
GOLDEN RAPTURE



AMI QUINARD



MRS. PIERRE S. DUPONT



SNOW QUEEN



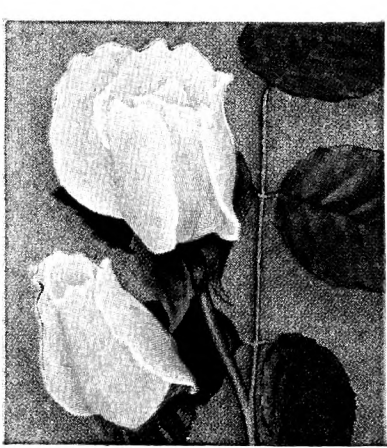
COLUMBIA



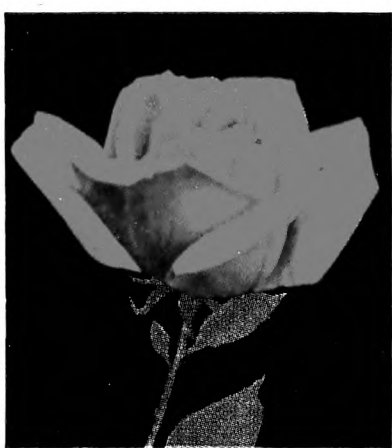
DAME EDITH HELEN



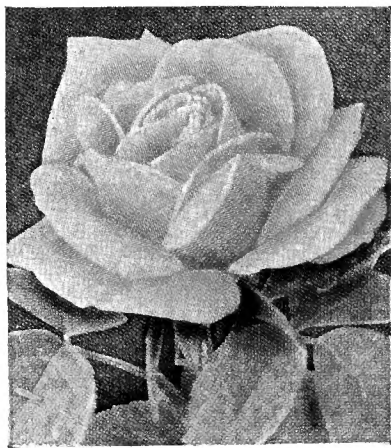
RED RADIANCE



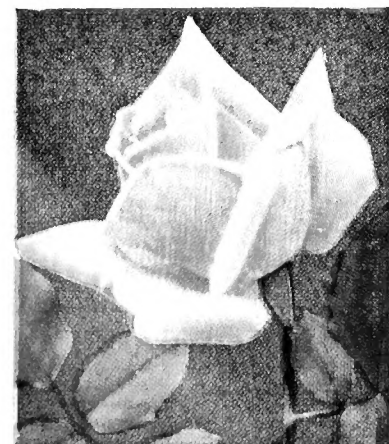
REV. F. PAGE ROBERTS



GRUSS AN TEPLITZ



JOANNA HILL



GRUSS AN AACHEN



IDEAL

CATH. ZEIMET

GOLDEN SALMON



F. J. GROOTENDORST



Finer ROSES

Guaranteed True to Name

Hybrid
Tea

Everblooming Roses

American Beauty Very fragrant, mine shaded deep pink, one of the oldest and hardiest everbloomers.

Ami Quinard Deepest black red beautiful rose, fragrant, nice for cut flowers, should be in every garden.

Columbia One of the rarest shades of delicate pink and very fragrant. In the rose bed and in bouquets one of the choicest.

Dame Edith Helen Pretty pointed buds which open slowly to large blossoms of perfect forms. Brilliant pink, very fragrant.

E. G. Hill A rose of brilliant scarlet color, very double, and does not fade in the sun. An excellent cut flower, lasting well.

Golden Rapture In the bud stage by far the finest shape, of a rich shining golden color. Pleasantly perfumed. The most valuable addition to the rose list.

Grenoble A new rose, and truly a majestic flower. Brilliant scarlet red, tall growing with lovely buds. Very showy and an excellent cut flower.

Gruss an Teplitz Bright cherry crimson, intensely fragrant. There is no other rose that blooms so continually. Very vigorous and healthy, making a beautiful bush.

Joanna Hill Exquisitely formed buds of apricot color with a slight touch of bronze. As the flower opens it shows a lighter color with sunset shades of gold and apricot yellow. The pretty rose stands up well even in wet and foggy weather.

K. A. Victoria Pearly white with lemon in center. Large, fully double, perfect form. A lovely rose that heads the list of all white Hybrid Teas.

McGredy Scarlet A rose of dark glowing rose color, with extra large buds. The flower is very fragrant. One of the new roses which I recommend.

Mrs. P. S. DuPont Most freely blooming. Buds small but extra well formed of dark orange-yellow color that holds well. A most satisfactory rose, compact growth, dark green glossy foliage which is not attacked by mildew.

Pink Radiance Bright rosy pink of the radiance type. A large double rose, very fragrant, and a healthy, vigorous grower.

President Hoover Buds long and pointed, appearing on long, upright stems. Inner side of the outer petals is dark pink and rose, the reverse side orange streaked with red; a beautiful salmon and apricot shading of the center petals completes this wonderful color combination. It is very fragrant.

Red Radiance A splendid rose of lovely cherry red color with good stems, making an excellent cut flower. Especially good for fall blooming. Fragrant.

Rev. F. Page Roberts Beautiful long buds which vary in color from deep coppery pink to orange, and red. When the rose opens the petals are pure golden yellow on the inside, stained with copper and red on the reverse side. Produced on nice stems for a good cut flower.

Golden Salmon Bright orange salmon, looking like a bonfire from the distance. Large clusters in great numbers coming on throughout the entire summer and fall.

Ideal, Red Baby Rambler Very bushy, well covered with clusters of dark red flowers; fine for your border. Blooms freely all through the summer.

Catherine Zeimet The only double and pure white, fragrant Baby Rambler rose blooming all through summer and fall.

Sure to bloom first year

2-Year No. 1 (AA)

Best on the Market

Each, 40c; 2 for 75c

2-Year "A" Standard

30c Each

4 for \$1.40

10 for \$3.20

Prepaid
to You

3 for \$0.82

10 for \$2.40

Talisman Its most unusual coloring, a combination of gold, apricot, pink and carmine in mingled splashes, streaks and blends places Talisman amongst the best for the garden or bouquets.

Ville de Paris Here is a very large and double rose of a rare shade of sunflower yellow. It does not fade in the open sun, and is almost thornless.

Hybrid Perpetual Hardy Roses

These roses are hardier than the Hybrid Tea roses, stronger growers, and practically thornless.

General Jacqueminot A large rose of rich, velvety crimson changing to a dark scarlet crimson. Blooms well and is easy to grow, very double and fragrant.

Paul Neyron The largest of all roses, often called "Cabbage Rose" owing to its immense size. Very sweet scented, dark pink and extremely double.

Snow Queen Open blossoms, pure white, large and double. A vigorous grower, and a free bloomer.

Hardy Rugosa Roses

Hardy without any winter protection, growing to full bush form. Extra fine foliage, healthy, resisting insects and disease.

F. J. Grootendorst Produces a wealth of flowers, each cluster a tailor made bouquet. Entirely hardy in the Middle West, and will grow to a bush form of 4 ft. Being almost everblooming it is a highly attractive flowering shrub throughout the growing season.

Eskimo Beauty Roses Hardy everywhere. Beautiful shrubs with pretty foliage and blooming through the greater part of the summer. Flowers in showy clusters, double and coming in the following colors:

HANSA, showy red.

BELLE POITEVIN, bright pink.

SIR THOMAS LIPTON, snowy white.

Hugonis, Chinese Yellow Rose Grows up to a large bush 7 feet tall, with a spread of 5 to 6 feet. Perfectly hardy. The sparkling buds begin to swell in April, a beautiful sight for several weeks, and finally when the blossoms open in May or June the bush looks like a shimmering mound of gold. Retains a pretty foliage all through the summer.

Climbing Roses . . .

See Page 24

Baby Rambler (Dwarf) Roses

Gruss an Aachen Blossoms appear in individual double flowers which are fragrant, shaped just like the Hybrid Tea roses. The color ranges from a carmine and salmon pink in the bud stage to a golden yellow as the rose opens, and turning almost white before the flowers fade. Blooms practically from spring until very late in the fall. A neat, compact growth, fine for border work; a healthy foliage; greater hardiness of the plant; unsurpassed freedom of blooming. These are the admirable features of this rose; it should be in your garden.

Planting Instructions

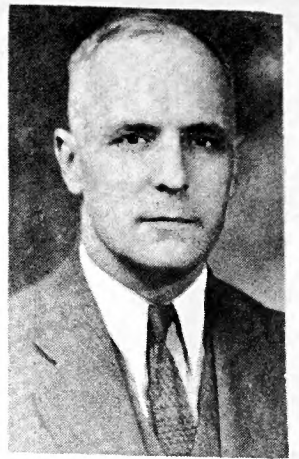
Plant in a large hole to give the roots plenty of room. Use good top soil to fill in around the roots. Plant a rose so deep that the bud (root and top joint just above the root) stands 1/2 to 1-inch below soil surface. Apply plenty of water to settle the soil. Cut the canes and branches back to 8 or 10 inches from the ground, severe pruning is a great help to roses. Bank up soil or sand 6 inches high to keep the canes moist and cool for the first two weeks. After that time new sprouts appearing are signs that the rose is started and well on its way to give you its first crop of blossoms. For winter protection follow the same method, cutting the roses back late in the fall and banking them up.



CHAS.
SONDEREGGER
President

The roots of reliability and efficiency of a nursery must go through its managerial staff and down to those hands who are actively engaged in the production of what you may wish to plant. More than in any other kind of business quality of the finished product and your success depend upon the true experience of those who serve you in some way or other when you forward your order. On this page I wish to give you a glimpse into the interior of the Sonderegger organization in which I have worked since its founding in 1886. My experience, and that of my four brothers, together with our carefully trained help is offered to you in this book in the form of trees, plants and seeds. I am convinced that it is a product unsurpassed in quality, hardiness and dependability.

54 Years of Better, Hardier Trees . . Plants and Seeds



FRED
SONDEREGGER
Secretary-Treasurer

I am describing to you within the following pages the trees and plants grown by the Sonderegger organization. Although many of my customers call my descriptions "understatements," I still prefer to avoid any statement that cannot be backed up to the full extent under normal conditions. Stripped of any and all exaggerations you can select from my descriptions trees and plants which will do well with you. And throughout the year I am here to answer at all times any request you may send me pertaining to the care of your trees and your garden. I shall give you my advice carefully and gladly. A purchase you make from Sonderegger's entitles you to the best of service, and I am here to see that you get it. My 28 years of active service in this business and the experience acquired within that time are part of the guarantee I can personally give you for prompt and careful handling of your order.



ERNEST
SONDEREGGER
Mgr. Seed Dept.

To build up an outstanding reputation for Sonderegger Seeds I have concentrated all my efforts in selecting, testing and shipping the best seed products on the market. Thirty-five years is the actual count of my time in the seed industry of which I have worked 28 years in the Sonderegger concern. I assure you of good seeds, prompt service and good measure when your order comes to me.



LEO
SONDEREGGER
Landscape Architect

Individual landscape architecture is my job. I have been with the Sonderegger Nurseries for 20 years. Within that time I have made hundreds of plans, most of them for large estates, city parks and cemeteries. My work is not of the mass production type. I make a thorough study of each project. Persons interested in strictly individual designs are invited to write me for further details.



ARTHUR
SONDEREGGER
Propagator

The ornamental plants or shrubs you receive under the Sonderegger trade mark have most probably passed through my hands. For a little over 25 years it has been my work to select and to start the growth of flowers and shrubs. I am employing what I consider the best of the time-tested methods, the results are extra hardiness, and splendid root formations of my plants.



Here is a crew of carefully trained men working on a stand of very young cherry trees in the Sonderegger Nursery fields. Average of actual experience for the men in our fields is 19 years, and including apprentices or helpers the total average of the combined force is above 15 years. Much could be said of a nursery field, but nothing could be of greater importance than the technical experience of the nursery men. A Sonderegger tree or shrub has been produced by trustworthy men, clean-cuts, taking pride in their profession, happy at their work. This is one field the machine age has not yet penetrated, every operation in a growing field is hand work, and many varieties require up to twenty operations before the tree becomes a finished, perfect specimen to be transferred to the customer.

Sonderegger Quality...

For over half a century, the highest standard.

Sonderegger Terms...

The most liberal, fairest and reasonable.

Sonderegger Prices...

On a grower-to-planter basis. No middleman profit.

Freight paid on all orders containing trees or plants in the amount of \$15.00 or more. Evergreen Trees and Seeds not included.

All articles quoted in this book postpaid will come to your door all charges paid by me. Trees too large to go by parcel post will come by freight or express. The prices of such trees do not include the cost of transportation. However, if your order amounts to \$15.00 or more (Seeds or Evergreens not included) I pay the freight to your nearest railroad station.

Guarantee All shipments are guaranteed to reach you in first class condition. Replacements are furnished free if a tree or shrub is not in satisfactory condition upon arrival, and if you notify me promptly. Stock that dies during the first growing season is replaced at one-half of the regular price. Claims, however, must reach me before October 1, 1940.

Stock True to Name All Sonderegger trees and plants are carefully labeled, and are true to name. However, if there should ever be an error found in the filling of an order, any tree or plant that is not true to name shall be replaced without any cost to the customer, or refund of purchase price shall be made. Claims to be sent in within 6 years from date of delivery. A stronger guarantee than most nurseries put out.

References Anyone who has never dealt with us before may receive reliable information concerning the Sonderegger Nurseries and Seedhouse from any of the following institutions: First National Bank, Beatrice, Nebraska; Beatrice National Bank, Beatrice, Nebraska.



An exhibit by Mrs. George DeLand of Osceola, Neb., of prize-winning vegetables grown from Sonderegger Seeds.

Certificate of Inspection Our growing fields and packing departments are inspected according to the laws of this state by the Department of Agriculture at regular intervals and a copy of the certificate of inspection accompanies each and every shipment. We comply with the laws of every state, having licenses to furnish you stock no matter where you live. The only exceptions are that if there exists a Gooseberry or Currant Quarantine in your state, such plants could not be sent to you. We guarantee our stock to pass your state inspection.

PLANTING INSTRUCTIONS

On most pages of this book, in this space, you find an item of Planting Instructions. Read it carefully. We have sacrificed considerable space in this book to bring you these instructions from our own experience. These same spaces could have been used for profitable "Sales Talk." Descriptions throughout this book are free from exaggerations. All the actual sales talk we wish to put in this book is the following: Plant more trees, more shrubs; grow your own fruit and vegetables. Beautify your home and surroundings with trees and flowers. All these improvements are things that make life better and happier. We shall appreciate your patronage. We give you good stock, good service, and favorable prices; low prices if you take quality into consideration.



Mrs. John Weiss of Virginia, Neb., with her young plum tree.

Remittances Money orders and bank drafts are absolutely safe to mail in a letter. Personal checks from any of our friends and customers are also accepted. Cash should be sent by registered letters only; it is not safe to send cash in ordinary letters. When the remittance is not sent in with the order, and instead the amount is to be collected on delivery (C. O. D.), one-half of the total of the order should accompany the order as a down payment. C. O. D. shipments are seldom requested; it is an expensive way of making remittances, and often causes a little delay in the delivery of live trees or plants.

Prices This garden book and prices therein quoted cancel all former price lists or quotations. All prices quoted in this book are subject to change without notice after June 1, 1940.

Fall Delivery Most varieties of trees, plants and seeds can also be furnished in the fall. Prices in the fall depend entirely on general conditions, and especially on the growing season. Wherever possible I shall endeavor to furnish stock in the fall without advance in prices. The indications are, however, that all prices will be higher next fall, for fall delivery kindly ask for special quotation in September, stating number, variety and sizes of stock you wish. It would be my advice that you take advantage of the present low prices by buying and planting this spring.

Foreign Trade All my customers in Mexico, Panama, South America, and any European state should add 14c per pound to the price of the stock for extra postage. To Canada seeds only can be shipped. On all shipments to foreign countries we pack with special care. However, arrival in good condition cannot be guaranteed.

10% Premium on Club Orders When several neighbors club together and send in a combined order, we send along a premium, customer's choice, selected from this book. The premium to be worth 10% of the order total.

Win a Prize in Sonderegger's Photo Contest

This contest is open to every Sonderegger customer. Send in snapshots of any tree or plant that you grew from our stock. Write the age of tree or plant and how you like it. Contest closes in October, the prizes are mailed out in January.

1st Prize.....\$5.00 2nd Prize.....\$3.00 3rd Prize.....\$2.00

Twelve other prizes of \$1.00 each. Our contest for 1939 closed with many entries. Practically every one was awarded a prize, owing to the fact that there were many ties. Prizes are being mailed out January, 1940. At this time I wish to thank every participant in the 1939 contest. All my customers are cordially invited to join again in my 1940 contest open now, and closing in October.

Disclaimer on Seeds I exercise great care to keep all seeds properly labeled, clean, and pure. However, I am compelled to make all seed sales under the following disclaimer: The Sonderegger Nurseries & Seedhouse give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds they sell, and will not be responsible for the crop. Every reputable seed house is using this same disclaimer.



APPLES

Pictures on Pages 4 and 5

reduced to one-half natural size, Grimes Golden, Winesap, branch of Whitney Crab, Northwestern Greening, branch of Dolgo apples, Delicious and Wealthy.

Prices of All Apple Trees

	1	3	10	25
2-3-ft. 2-year roots, 1-year tops, well rooted, part-branched, prepaid.....	\$0.33	\$0.90	\$2.50	\$5.00
3-4-ft. selected No. 1 trees, well rooted and branched, postpaid ....	.42	1.10	3.20	7.50
4-6-ft. extra heavy trees, splendid roots and perfect crowns .....	.50	1.30	4.00	9.00
5-7-ft. for quick crops; finest trees on the market	.60	1.50	4.70	10.50

My 4 to 7 ft. grades are too large to be sent by parcel post. I furnish you these trees freight prepaid if your order amounts to \$15.00 or more (Evergreens and seeds not included).

Black Ben Davis In quality about the same as the old fashioned Ben Davis, also in hardiness, productiveness, and in its excellent keeping quality; however, Black Ben Davis colors up much better. Preferred by the market growers. Ripens middle of October.

Delicious, Yellow An apple of medium size, golden yellow. Possesses a rich flavor, resembling that of pears, quite sweet. It is one of the finest table apples you can get. Perfectly hardy here, and most anywhere in the Middle West; bears young. Ripens first week in October. Add 15c per tree to prices quoted above.

Delicious, Double Red The illustration on upper right hand corner of page 5 shows the dark color of this apple, and this photo is just one-half of the apple's natural size. Delicious is the best paying apple on the market, and in this improved double red strain the special dark red color develops early in the ripening season, and evenly, covering the entire apple. Due to this fact the apple can be picked while still perfectly hard, and having its extra fine color. Hard-ripe picking makes this apple the longest keeper of any. Ripens October 10. Hardy in the Middle West, and the tree is a vigorous grower.

Golden Winesap This tree bears quite young and is extra hardy. The fruit is very large, golden yellow with red cheek, ripens first of October, and is one of the finest keepers. Due to its very rich flavor it is one of the very best cooking and baking apples. For quick results, and a fine apple for your home as well as the market I recommend Golden Winesap.

Grimes Golden Contains practically no acid. Combines a rich aromatic flavor with an attractive golden yellow color, and a long season of usefulness. It is one of the oldest apples in America, and still one of the very best. The tree is healthy, a good grower, and bears well, but should be pruned annually as it is inclined to grow bushy. Do not plant it north of the middle of Nebraska. Ripens end of September.

Ingram Yellow, covered with red, very similar to the old Janet or Geneton but better in quality. It is of medium size, and keeps well in ordinary cellars until spring. A very hardy tree. Ripens middle of October.

Jonathan For flavor, juiciness, in fact for a good eating apple I cannot name you a better apple than the old fashioned Jonathan. It is an apple of medium size, the tree is hardy up to the middle of Nebraska, and bears well. It keeps until about January in ordinary cellars. Ripens end of September. Except in the extreme North where it would not be hardy, a few Jonathans should be in every home orchard.

King David Blooms very late in the spring. Very productive, considered one of the best for shipping. Medium size, and highly colored red. Looks much like the old fashioned Jonathan, not quite as good in quality, but keeps much better. Exceptionally good for Nebraska and Kansas.

Lady Jonathan Originated in Central Nebraska, it is a little hardier than the old fashioned Jonathan. It is superior to the latter in its keeping quality, and the apples will average a little larger in size. Ripens October 1.

MacIntosh Red A sport of the old Snow Apple. Originated in Canada. In Wyoming, Idaho, Montana and high altitudes of New Mexico my customers favor this tree, and for years I have recommended it for these states, and wherever you need an extra hardy apple this variety will please you. Bears well, and the fruit is of fair quality. Ripens middle of October.

Mammoth Black Twig (Paragon.) A Russian apple, one of the very best for the Middle West. A good bearer, and the tree is perfectly hardy up to South Dakota line. Large, dark red, firm, subacid and juicy, keeps well in common cellars. You will find this apple highly satisfactory, and I urge you to plant more of this variety. Ripens middle of October.

Rome Beauty A good apple, particularly for the Southwest, the Pacific states, and the eastern states, also Ohio and Indiana. Fruit large, yellow with red; very juicy, blooms late, and ripens in October.

WINTER APPLES

Ripen late and keep well, most of them keep until spring. The following are the choicest, and most popular varieties:

Arkansas Black I recommend this apple for Arkansas, Oklahoma and north to the southern part of Nebraska. Fruit medium to large, covered with dark red, sometimes almost black. The flesh is almost orange yellow. Keeps extra well; when picked hard-ripe this apple will keep as long as the following July. Ripens middle of October.

Winter Banana Comes from Michigan; a hardy tree. Most productive and bears quite young. Rich in flavor, spicy and aromatic; flesh yellow, firm and juicy. Color a golden yellow; very attractive, and a good keeper. The vigorous healthy growth of this tree, its extra large leaves would even make it a desirable shade tree on the lawn. I recommend this apple for the Middle West, but not north of Nebraska. Ripens October 1.

Ben Davis For pies, baking and cooking this apple is one of the very best. It is also an excellent keeper, one of the oldest apples in the Middle West. Ripens middle of October. Very hardy.

Plant Apple trees 30 by 30 feet apart, or plant them 35 by 35 feet apart and plant a filler tree between each two apple trees. For filler trees, plant Plums, Sour Cherry, Dwarf Pear or Peach. These trees give you an early income from your plantings, and can be removed in later years when the apples require the entire space.

PLANTING INSTRUCTIONS

When you receive a bale or package of trees or shrubs from me, open it as soon as possible. Check over the items. In case of any defect notify me at once, a card will do. Remember, I guarantee safe delivery of the stock I ship out, and your notice of any defect will receive my prompt attention. If the shipment arrives by freight or express the station agent will give you a bad order report if there is anything defective on the shipment. Such a report will help me recover damages if shipment was damaged while in transit.



by Sonderegger

*My hardy upland
Trees bear more...
last longer.*

Northwestern Greening

Picture on top this page shows apple one-half natural size. **Extremely hardy**, vigorous grower; does well most anywhere, especially in the North and Northwest where few apples of such high quality grow successfully. Keeps well, fruit is large, greenish yellow when ripe. One of the best for baking. Restaurants pay premium prices for them. Ripens middle of October.

Stayman's Winesap A popular market apple, very large, striped dark red, keeps well, and is in strong demand for cooking. Ripens in October.

Turley Winesap Bears even heavier than the old fashioned Winesap, darker color, improved quality, highly flavored; keeps well until mid-winter; is considerably larger than Winesap.

Old-Fashioned Winesap

A good tree for home orchard. Apples little too small for market; quality is good, keeps well. Dark red. Tree bears heavy, perfectly hardy in the Middle West. Ripens middle of October.

York Imperial (Johnson's Fine Winter Y. I.) This old-fashioned apple is rapidly coming back to popularity. It is a large red apple, tender and juicy. Perfectly hardy in the Middle West, also Southern Minnesota and Wisconsin. I recommend a combination planting of York Imperial and Stayman's Winesap for extra heavy bearing. Ripens first week in October.

Missouri Pippin The quality is not the best, but tree will thrive and bear well and early where other varieties fail. The apple is red, medium size, and hardly ever falls to make a crop. Wherever the finer varieties cannot be grown successfully the Missouri Pippin will fill the bill and make you nice crops. Middle of October.

Red June An old fashioned early apple. Have small supply of trees on hand; order early and reserve your Red June apples. Ripens with Yellow Transparent; medium size, yellow with red stripe.

PLANTING INSTRUCTIONS

Sometimes an item is short in the shipment, and a back order has been made, in that case there will be a notice in the bale. Right after unpacking put the roots of your trees and shrubs into a tub or tank of cold water over night. This freshens the roots up, and protects them from wind and sun. While trees are taken out to plant the roots should be protected at all times either by wrapping them in wet burlap, or still better by dipping the roots into a paste of soil and water. This keeps the wind and sun from the roots, until they are in the ground and planted.

(continued on next page.)

FALL APPLES

Ripening between early apples and late (winter) apples, they keep fairly good, and in the extreme North where late apples would not mature, these fall apples are considered winter apples and in such localities will make very good keepers. They furnish fruit after the early apples are used up, and before the late varieties commence to ripen.

Anoka A nice apple of fairly good size, yellow with red stripes. Ripens end of August, and makes a nice apple for the North. Not a new apple. For a good many years I have grown this sort for special orders, and recently, due to increased demand, I have grown more of them.

Wealthy This apple does well most anywhere, can safely be planted in the North also. It is a great bearer, in fact few varieties are so hardy and so productive. A good apple for eating, cooking, drying or pies; large, mostly covered with red, fine grained and juicy. Without this good apple your orchard is not complete. I recommend it, knowing how pleased you will be with your Wealthy apple. Ripens in September.

Maiden Blush A standard market apple, good in size and quality. Its nice appearance helps to sell it. Ripens in September.

EARLY APPLES

Early apples are hardy anywhere, and they bear extra well. Due to the fact that they cannot be kept very long after ripening, they should be planted in small numbers only, unless there is a large city nearby where early apples would find a good and profitable sale.

Duchess of Oldenburg Medium in size, greenish yellow with red stripes. Bears heavily. It is a little sour, and on that account an excellent apple for cooking. The tree is a wonderful grower, making a large crown, with a heavy foliage. If you would need a combination fruit and shade tree this apple would do well, and for that purpose I recommend the 4 to 6 ft. size for planting.

Early Harvest The first apple to ripen; with us here usually about July 4. On the farm my father counted this apple and Alexander Early Peaches to be the earliest of the large fruit trees. You must grow these trees yourself to appreciate fruit of such quality and so early in the summer.

Yellow Transparent Ripens a few days after Early Harvest. It is of pale yellow color and larger than the Early Harvest. Flesh white, of finest quality. The tree bears very young, and is perfectly hardy. This is one of the finest early fruits that can be grown in any locality.

CRAB APPLES

for
Canning
and Jelly

Dolgo

The Dark Red Jelly Crab. The high quality of this beau-

tiful red crab apple, the abundance in which they are produced, and the hardiness of the tree will satisfy you in every respect. For the finest jelly use Dolgo Crab apples. The tree bears young, and grows well. If you plant the 4 to 6 ft. trees you can grow Dolgo into a very pretty shade and ornamental tree on the lawn or wherever you like to have a tree of good appearance. Dolgo is hardy everywhere, and will supply you with its wonderful fruit for many years.

Whitney THE SWEET CRAB. The apple is of good size; I would say on the average as large as the old fashioned Winesaps. It is green with red stripes, good for raw eating and for cooking. In the North this is considered a very good summer apple. Whitney, Dolgo Crab, Duchess Apple, the Superb Apricot all make very good shade trees, and it seems to me that at this time when so many old shade trees must be replanted it would be well to include a few of these trees for shade as well as fruit for planting around the home. Especially on the farm such trees would be of great value, and if you select the large size, 4 to 6 ft. trees, you will have no difficulty growing them to nice shade tree shape.

Yellow Siberian The apple is quite small, comes in clusters, and is canned with the stems. The tree is perfectly hardy, and same as the above varieties it is a vigorous grower, making a well shaped, pretty tree. There are few forest or shade trees that would be more valuable in years to come for their shade as these Crab Apples, and of the latter you are sure to get nice crops of fruit. For home use as well as market Crab Apples are quite valuable. My advice is that you plant more of them.

Farm-Home Apple Orchard Collection

- | | |
|------------------|-----------------|
| 1 Red Delicious | 1 Wealthy |
| 1 Golden Winesap | 1 Duchess |
| 1 Grimes Golden | 1 Yell. Transp. |
| 1 Jonathan | 1 Dolgo Crab |

All 4-6 ft. No. 1 Trees.

FREE 3 Pink Spireas Billardi **\$3.00** By Expr.



Hardy PEARS

Seckel Pear

See photo above. Also called Sugar Pear. Fruit is not very large, but is of finest flavor, as good as the best for table use, and for this purpose Seckel should be in every orchard. I do not recommend it for canning. Tree is a slow grower, but bears extra well, and is hardy. Can be grown wherever pears are known to succeed. Seckel ripens here in September.

Kieffer The popular late market pear, for canning. A hardy, heavy producer, that can be grown anywhere, even in the North where other pears would not be sufficiently hardy. For fresh eating the quality of Kieffer is not as good as that of the other sorts listed here, but for canning it is as good as any. For this purpose the pears are ground up and canned with lemon, orange, or quince for flavoring. You may try this method; I am sure you will like them, and find canning very simple.

Kuhlman Pear Of the Bartlett type, with excellent eating qualities, slightly smaller than Bartlett but an abundant bearer. Originated in Nebraska it is superior to Bartlett with respect to hardiness and is less susceptible to blight. This tree can be purchased only from Sonderegger. No extra charge.

DWARF PEARS

Of the pear varieties I am listing on this page, I can furnish Bartlett, Duchess of Angouleme, Seckel, in dwarf trees also. Of all other varieties I have the standard trees only.

There is no difference in the fruit, whether it is grown on the standard tree, which is a large tree, or on a dwarf tree. Dwarf pears are preferred wherever the space is limited—in city gardens where they are grown along the lot line, or even as a screen. For this purpose they can be planted as close together as 10 or 12 feet in the row.

Dwarf pears bear quite young, commonly the second or third year after planting they produce a nice crop, and continue for many years. The trees are just as hardy as standard trees. **Prices of Dwarf Pear Trees:** 2½ to 4 ft. trees, 50c each; 3 for \$1.35; 10 for \$4.20; prepaid.

Prices of All Varieties

	1	3	10
3-4-ft. nice straight trees, prepaid	\$0.55	\$1.50	\$4.70
4-6-ft. 3-year roots, 2-year crowns, selected specimens .....	.70	1.80	5.50
5-7-ft. special grade for quick bearing .....	.80	2.00	6.50

These pear trees are all well rooted, guaranteed true to name, strictly first class trees, hardy upland grown.

Bartlett—Early The pear that is first on the market, ripening end of July and August. A pear of fine quality for eating and canning, and the tree is hardy in the eastern states, the corn belt, and of course in the South.

Bosc Winter Pear Finest quality late fall and winter pear; extra large, long tapering, russet. Keeps well. Tree vigorous, and profuse bearer. Hardy anywhere in Middle West and East. Plant more of this wonderful fruit.

Clapp's Favorite Early. It is hardier than Bartlett, does well in the northern part of this state, Iowa, Minnesota, Wisconsin and the Northeast. Tree is a good grower, and very productive. Fruit large, pale yellow with dull red and russet specks, fine grained, juicy and sweet. Ripens in August.

Flemish Beauty Mid season. Large, pale yellow pear covered with russet, of fine quality, sweet and melting. Tree hardy anywhere in the Middle West, East and Northeast. Ripens in September.

Lincoln Rapidly becoming popular owing to its very good qualities. It is a large pear, yellow, flushed with bright red; fine for table use or canning. Hardy in Nebraska, anywhere in the corn belt, and the East. Your pear planting should include this tree.

Duchess of Angouleme The fruit is large, in quality as good as the best, for keeping, for table use, or for canning. For the Middle West and the East, Duchess should be in every orchard; very hardy, an abundant bearer, and a very fine pear. Ripens in October. Note picture above: the tree with its usual heavy load; and in upper left hand corner photo of the fruit, natural size.

Duchess of Angouleme. Dwarf tree. Fruit above.

Hardy Pear Collection

1 Bartlett	All 4-6 ft.
1 Duchess	Fancy Trees
1 Flemish Beauty	
1 Kieffer	
FREE 2 Tamarix	\$2.25
Odessa 2-3 ft.	By Express
Shrubs	

PLANTING INSTRUCTIONS

Before planting the tree or shrub, let us be sure the hole is prepared properly. It should be plenty wide and deep. This is essential to good starting and good growth. With "plenty wide and deep" I mean just this: there should be 4 or 5 inches of loose soil in the bottom of the hole before the roots of the tree are put in place, and there should be 5 or 6 inches clearance all around the roots, to be filled in with loose soil. To dig a hole that is just a snug fit for the roots would probably do, but it is not the proper way to plant. The new roots will develop much better in the loose soil, which naturally means quicker starting and a good, clean new growth.

(Continued on next page.)

Cherries

Cherries do well most anywhere, except on a low, wet place. Hilly land, even if the soil is not the best, will produce fine Cherry crops. Plant the trees 20 by 20 feet apart, or use them for fillers in your apple orchard.

Prices of All Cherry Trees

	1	3	10	25
2-3 ft. healthy, well rooted trees prepaid	\$0.40	\$1.10	\$3.50	\$ 8.25
3-4 ft. fine, branched trees, prepaid .....	.50	1.35	4.00	9.00
4-6 ft. 3-year roots, 2-year tops, well branched .....	.56	1.50	4.80	10.75
Special Grade, 11/16 to 1-inch caliper, choice trees with perfect crowns for quick crop .....	.68	1.85	5.80	13.75

All my cherry trees are special grown for heavy production, with short stems for best and easiest picking, and even, well shaped crowns. These trees are sure to give you best results. You will be proud of your Sonderegger-quality cherry trees.

SOUR CHERRIES

Very hardy, always sure to bear.

Early Richmond May Cherry. The common medium red cherry, highly productive, and very hardy. Quality is good for pies and canning. An excellent tree for the Midwest and the North, bears regularly. Ripens in June.

English Morello Large fruit, very dark red, nearly black; tender, juicy, rich in flavor, and ripens rather late, quite sour. Hardy up to the middle of Nebraska and Iowa. Tree is of spreading form.

May Duke Dark red, large fruited, juicy and rich; not very sour. Tree grows well, spreads low. A good bearer.

Ostheimer Large, heart shaped, nearly black when ripe, juicy and rich. Fine for dessert and cooking, not very sour. A great market cherry. Bears quite young. The trees bloom late, and ripen when cherries begin to get scarce, middle of July.

Wragg For the West and Northwest. Fruit medium to large, dark red, and of fine quality, almost like English Morello. Tree is very hardy, a good grower, and highly productive. For western Kansas, Colorado and western Nebraska, it is one of the best cherries. Ripens in July.

Improved Montmorency

Originated by Mr. Fred Pothast of Pickrell, Nebraska. Our trees are grown from budding stock of Mr. Pothast's original tree that has produced wonderful crops for over 25 years. Hardy in Nebraska, fruit even larger than that of the Montmorency, and decidedly darker in color. An exceptionally good bearer. Add 10c per tree to the prices quoted for cherry trees.

PLANTING INSTRUCTIONS

Never use fertilizer of any kind to mix with the soil when you plant a tree or shrub. Fertilizer heats, and is often harmful to the roots. Some planters put manure in the bottom of the holes, although I do not recommend this practice; if it is to be done, be sure to have at least 6 inches of dirt on top of the manure before planting the tree, so that the manure will be well rotted before the new roots may reach it. If there is a rock or gumbo shelf in the subsoil near the surface, such an unpenetrable layer should be cut or bored through to allow roots and moisture to enter the subsoil.

Montmorency

This photo, actually taken natural size of my Montmorency Cherry, will give you an idea of the size and heavy bearing of this tree. It is a good red cherry, not very sour, ripens about 10 days after Early Richmond. Very productive, and hardy throughout the East, Northeast and the entire Middle West. Should be in every town or farm garden and orchard.

SWEET CHERRIES

Not hardy in the northern states.

Black Tartarian Very large fruit of purplish black color. This is a Heart Cherry, very sweet, of superb quality. The tree is a vigorous, upright grower, immense bearer. A popular market cherry. I recommend it for the South, the Pacific states, also the Great Lakes region and the New England states. In the Middle West they are not dependably hardy, although they are grown here and there in protected places with fairly good results. *A great cherry in its proper place. Ripens forepart of July.

Yellow Glass Fruit large, somewhat flattened in shape, of very beautiful golden color, firm, juicy, sweet and of fine quality. This is not a Heart Cherry, and is therefore harder than Black Tartarian. It stood our dry summers and cold winters with fairly good results. I can recommend the tree for localities as far north as the southern half of Nebraska. Blooms late. I suggest pinching off the tips of the young branches in July to encourage branching and a dense growth for best bearing. Ripens July 1. Of Yellow Glass only 4-6 and "Special Grade" can be furnished.

Sonderegger's Sweet Cherry

The tree looks almost like the Black Tartarian, but the fruit is more of the Morello type. It is not a Heart Cherry. Almost black when fully ripe; large, very meaty, sweet and juicy. The tree is perfectly hardy here, bears well, its growth is upright and vigorous with large leaves. I recommend this tree for the Middle West, except the extreme North of Nebraska, where it may not fruit regularly. Add 15c per tree to prices quoted above.



Hansen's New Bush Cherry

My original stock is of the true production by Professor Hansen of Brookings, South Dakota. A greatly improved Sand Cherry. The fruit is fair in quality and recommended for canning (preserves), of good size, small pit, very dark red. Makes a very good hedge, as it grows in low bush form. Resists extreme drought and cold remarkably well. Use them freely for hedging, for foundation planting, anywhere for a good, clean hedge of 3 to 4 ft. height; will also give you fruit that can be used to good advantage. 18-24 inch, 3 for 50c; 10 for \$1.25; 25 for \$2.50; prepaid.

Compass Cherry Plum The heavy young producer. For full description and prices see page 64.

Special Popular CHERRY Group

- 2 Early Richmond
- 2 Montmorency
- 1 English Morello

4-5 ft. nice trees,
1 1/2-in. Caliper for.....

\$2.50

FREE 1 Compass
Cherry Plum

By Express

Hardy PLUMS

for heavy and young bearing.

Prices of Plums (except European Plums)

	1	3	10	25
2-3-ft. well rooted, prepaid.....	\$0.35	\$0.95	\$2.90	\$6.25
3-4-ft. nice trees, prepaid.....	.42	1.15	3.60	8.10
4-6-ft. 2-year crowns, well branched.....	.47	1.30	4.00	9.00
Special Grade, extra heavy roots, stems and crowns for immediate bearing.....	.52	1.40	4.50	10.50

The 4 to 6 ft. trees are too large to go by parcel post; they are shipped prepaid freight if your order amounts to \$15.00 or more; seeds and Evergreen trees not included.

Waneta The largest of all Hansen Plums, and one of the largest in existence. Red with blue bloom; very good quality. The tree is extra hardy; you can grow this plum anywhere; it bears very young, and most freely.

Hanska Bright red, heavy blue bloom, firm flesh, which has a very pleasing Apricot flavor.

Being a Hansen Plum it is very hardy; bears young and heavy.

Sapa Glossy dark purple, flesh is of the same color, and is of excellent quality. Bears young and very heavy.

Opata The earliest of the Hansen Plums. Dark purplish red with green flesh, and very pleasant flavor. Ripens end of July. On top of this page, note the branch taken from Opata, a sample of the bearing ability of Hansen Plums, such as Opata, Sapa, Hanska, etc.

Tokata For a number of years I have not grown this tree; have taken it up again on request of many of my customers who desire to plant more of this variety. Fruit good size, dark red, slightly mottled with orange dots, and covered with light lilac bloom. Flesh rich orange red, very firm, excellent flavor, almost freestone. Ripens here end of July. Very hardy.

Monitor, Minnesota Plum

Should be in every planting. Much different from any other plum, being of medium size, dark purple with sweet flesh of dark purple color and small pit. Very good quality; very desirable for canning. Hardy anywhere.

Red Wing, Minnesota Plum

Yellow, overlaid with red; freestone; sweet, and of good quality. For raw eating or prepared like peaches with cream and sugar. An abundant bearer, and perfectly hardy.

Tawena Of this plum the originator Prof. Hansen states: "A full sister to the Waneta, not quite as large as Waneta, fruit more round, an immense bearer. A model tree, branching better than Waneta." In my trial orchard it has done remarkably well, fruit of very good quality for raw eating and for canning.

EUROPEAN PLUMS Prices of All Varieties Listed Below

	1	3	10
3-4 ft. very nice trees, prepaid	\$0.55	\$1.50	\$4.50
4-6 ft. extra fine trees..	.65	1.80	5.50

Lombard The hardiest of the European Plums, and does well in light soil. Can be planted as far north as the middle of Nebraska, and bears well here. Fruit oval, violet red, with a yellow, juicy flesh; freestone. Ripens here end of August.

Shropshire Damson The small blue Damson; well known, and in great favor for plum preserves and plum butter. The tree bears heavily, and it is dependably hardy up to and including the southern half of Nebraska. Deserves a place in every garden or orchard.

German Prune A large, oval, purple stone. Flesh sweet and of pleasant flavor. It is firm, very good for drying or preserving. This tree is not hardy north of here, but is much harder than the Italian prune (Fellenbergs), which it resembles closely in size and quality.

"Big 4" Plum Special

1 Waneta	4-6 ft. trees
1 Sapa	
1 Opata	
1 Golden Rod	
	\$1.50

FREE 1 Compass Cherry-Plum. By Express

Sonderegger's Japanese Plum

The above picture shows you the shape and the good size of these Plums. It is not only the finest of all Japanese Plums I have ever found, fortunately it is also the hardiest of this strain. I recommend it for Nebraska and Iowa, the states south of here, the Great Lakes region and the Eastern States. In fact, most anywhere except the extreme North it will give best satisfaction. Large, red with small pit, flesh yellow, excellent flavor. Very good table and canning plum. Will come into bearing almost as young as the Hansen Plums, and bears just as heavy. Be sure to include this plum in your planting. No extra cost.

Burbank, Japanese Bright cherry red, with lilac bloom, yellow flesh, quite firm, sweet and meaty. Hardy as far north as the southern half of Nebraska. A good freestone plum. Ripens here in August.

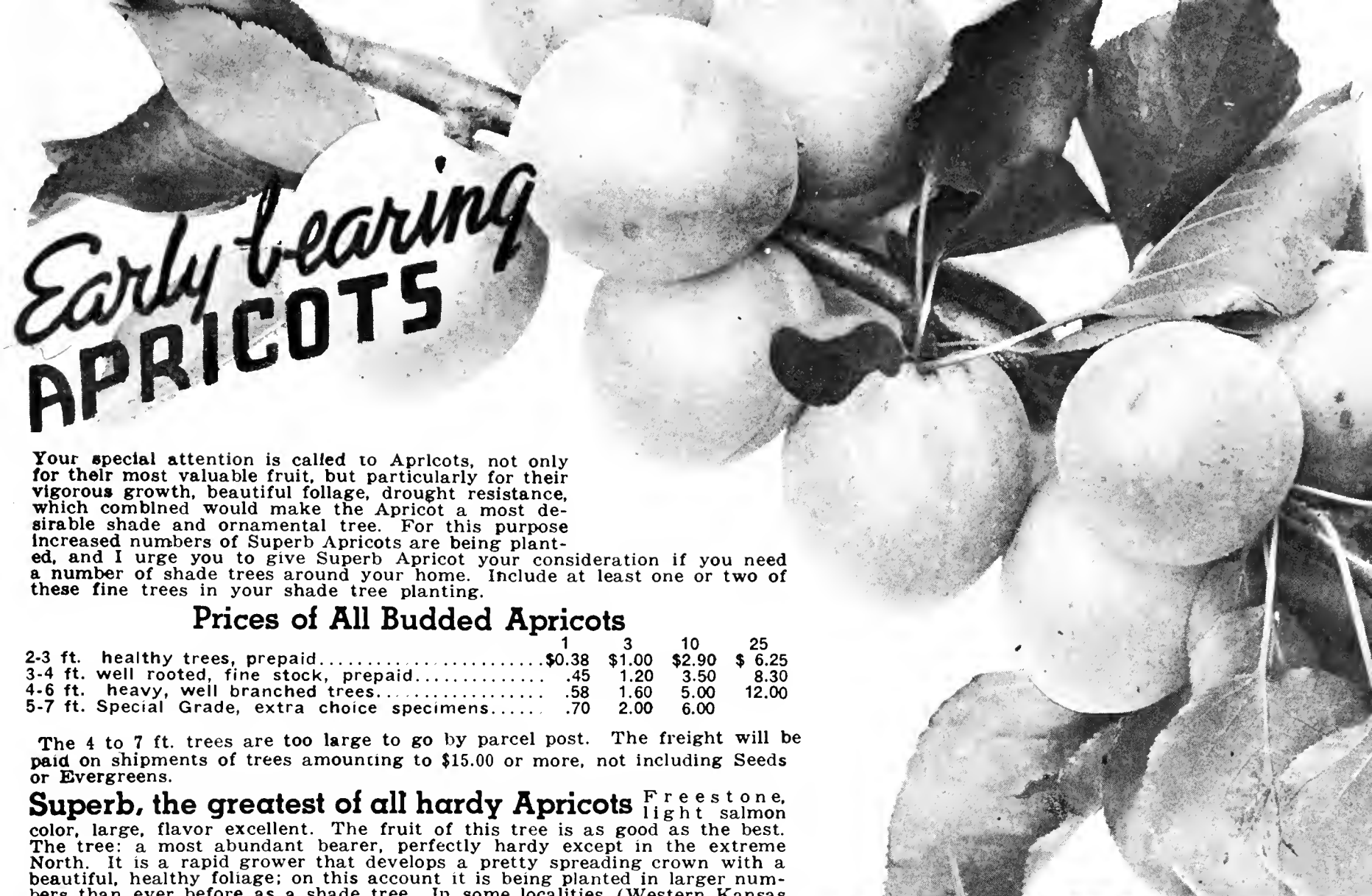
Omaha Native Fruit dark red with small pit, sweet, well flavored. The tree is exceptionally hardy; will do well even in the extreme North. Omaha is a sure and heavy bearer.

Golden Rod, Native The finest low plum, sweet and tender with very good flavor. Bears young and freely.

PLANTING INSTRUCTIONS

In planting, proceed as follows: Place the tree or shrub in the hole, with all roots spread out in their natural way. Any broken root-branches are cut off smooth with a sharp knife. The thing to watch now is the proper depth. A fruit tree shows plainly just above the root where it was budded or grafted. This spot should be practically level with the ground surface after planting. A shade tree or a shrub is planted so deep that it stands (depending on the size of the stock you are planting) from 1 to 3 inches deeper than grown before in the nursery. Some planters lay a board across the hole to show the ground level, to assure of getting the trees in just at the right depth.

(Continued on next page.)



Early Bearing APRICOTS

Your special attention is called to Apricots, not only for their most valuable fruit, but particularly for their vigorous growth, beautiful foliage, drought resistance, which combined would make the Apricot a most desirable shade and ornamental tree. For this purpose increased numbers of Superb Apricots are being planted, and I urge you to give Superb Apricot your consideration if you need a number of shade trees around your home. Include at least one or two of these fine trees in your shade tree planting.

Prices of All Budded Apricots

	1	3	10	25
2-3 ft. healthy trees, prepaid.....	\$0.38	\$1.00	\$2.90	\$ 6.25
3-4 ft. well rooted, fine stock, prepaid.....	.45	1.20	3.50	8.30
4-6 ft. heavy, well branched trees.....	.58	1.60	5.00	12.00
5-7 ft. Special Grade, extra choice specimens.....	.70	2.00	6.00	

The 4 to 7 ft. trees are too large to go by parcel post. The freight will be paid on shipments of trees amounting to \$15.00 or more, not including Seeds or Evergreens.

Superb, the greatest of all hardy Apricots Freestone, light salmon color, large, flavor excellent. The fruit of this tree is as good as the best. The tree: a most abundant bearer, perfectly hardy except in the extreme North. It is a rapid grower that develops a pretty spreading crown with a beautiful, healthy foliage; on this account it is being planted in larger numbers than ever before as a shade tree. In some localities (Western Kansas and elsewhere) it is one of the very few trees that survived the drought. I am pricing the trees low, so that all my customers can take advantage of this wonderful tree.

Chinese Apricot Similar to Superb, except that I can hardly recommend it for planting north of Nebraska. The fruit is pale yellow with a red cheek. I recommend it for shade and fruit same as Superb. One of the best for canning.

Moorpark, American Apricot Freestone, very large, yellowish-green with red on sunny side. This is one of the best market varieties; excellent for drying and canning. Not hardy north of southern Kansas and Missouri.

Wilson, American Apricot Resembles Moorpark very closely, except that it ripens a little earlier, about the middle of June. A most profitable market fruit for the South.

RUSSIAN APRICOT SEEDLINGS

**The Most Valuable Tree for Windbreaks.
Grows Fast . . . Is Hardy . . . Bears Fruit.**

The Russian Apricot Seedling will grow rapidly, the foliage is healthy, and the trees will be well branched to make a fine windbreak. If you lay out a windbreak with one row of Russian Apricot seedlings and one or two rows of Hackberry or Chinese Elm you will have about as valuable a planting as there is, with the exception of an Evergreen windbreak, which is much more expensive and cannot be grown in so short a time. I am pricing Apricot Seedlings so low that you can take to this type of windbreak planting. Plant this year. Take advantage of the price.

EXTRA WELL ROOTED SEEDLINGS

	By Express			Prepaid		
	10	25	100	10	25	100
2-3 ft.	\$1.60	\$3.50	\$11.20	\$1.80	\$3.90	\$12.00
3-4 ft.	2.00	4.70	17.50	2.25	5.20	
4-5 ft.	2.90	6.50		3.25	7.30	

Russian Mulberry Very hardy; the tree stood 30 degrees below zero and bore a crop of berries the following season. Makes a large, spreading crown, fruit produced in enormous quantities, the berries range in color from black to white, and from sweet to quite tart. In many homes the berries are canned with Rhubarb or Gooseberries. Song-birds regard a Mulberry tree as a complete boarding house. No farm should be without Russian Mulberries. For post growing use the seedlings listed on page 19. Also for hedges.

Prices of Russian Mulberry Trees

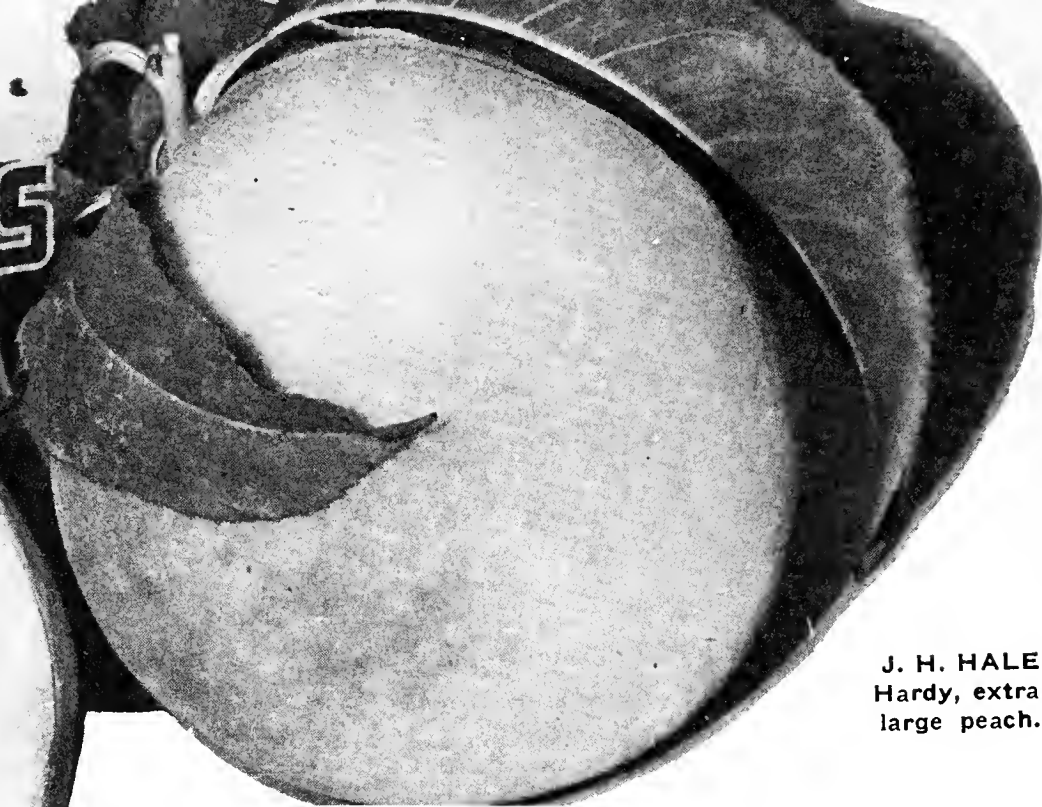
	1	3	10
3-4 ft. nice trees	\$0.38	\$1.10	\$3.30
4-5 ft. nice trees .....	.48	1.30	4.00
5-6 ft. heavy trees .....	.58	1.65	5.00
6-8 ft. extra heavy trees .....	.65	1.80	5.50
8-10 ft. for quick bearing.....	.75	2.00	6.50

Note the snap-shot above, showing part of an Apricot orchard.

PLANTING INSTRUCTIONS

Fill in loose soil all around the roots. The best soil you can possibly get for this purpose is soil from the surface that has been worked, and does not contain fresh fertilizer. Fill in until the hole is within a few inches from being level full. Then water. Apply several bucketfuls. This not only gives the tree the necessary moisture to start, it also settles the soil and packs it firmly around the roots much better than could be done by tramping. When the water is all soaked away, and the soil settled, about an hour after watering, fill the holes level full with medium dry soil, and bank it up a few inches around the body of the tree. This soil takes the place of any mulch.

Sonderegger Hardy PEACHES



J. H. HALE
Hardy, extra
large peach.



"A picture of the Champion Peach and our oldest son, Herman. These peaches proved very successful, the biggest measured 8 $\frac{3}{4}$ inches around, and most measured 8 $\frac{1}{2}$ inches. There was a large quantity of them and they were very delicious." This letter and photo received from Mr. and Mrs. Albert Stelter, Blains, Kansas.

Early Elberta Freestone. A little larger than Elberta, in other respects the same, except that it ripens almost two weeks earlier. Very good for Southern Illinois, Indiana, Southern Missouri and Kansas, but not hardy north of there.

Fitzgerald Freestone. In hardiness and productiveness as good as Champion, the only difference is the color of the flesh. Fitzgerald is yellow meated, same high quality as Champion.

NECTARINES

Smooth-skinned peaches. About the size of a medium peach, wax-like in appearance and perfectly smooth. A fine fresh fruit. Hardy as far north as southern half of Nebraska and Iowa. I can furnish you the varieties "Red Roman" and "New White," your choice. Prices same as for peaches.

Prices of All Budded Peach Trees

	1	3	10	25
2-3 ft. well rooted, prepaid.....	\$0.25	\$0.65	\$1.90	\$4.50
3-4 ft. branched, prepaid .....	.35	.90	2.50	5.35
4-6 ft. strong, branched trees.....	.45	1.20	3.50	7.80

Trees of 4 ft. and up are too large to be sent by parcel post. If your order amounts to \$15.00 or more (not including seeds) I pay the freight on the shipment.

Elberta Freestone. The best known market peach, large, yellow with red cheek; flesh yellow, firm, good quality. Not hardy in Nebraska. Does well in the South, in Ohio and Michigan. Ripens in August.

Alexander Early Clingstone of medium size, almost red, flesh white, tender and juicy. Tree very hardy. Ripens here July 10.

Belle of Georgia Freestone. Very large, white with red cheek, flesh white and firm with excellent flavor. Hardy most anywhere south of here. Ripens early in August.

Champion EXTRA HARDY. Freestone. Good medium to large size, creamy white with red cheek. Excellent flavor, sweet, rich and juicy, white meated. Champion is one of the hardiest peaches you can grow. I recommend it highly for the Middle West, and anywhere on the northern edge of the peach belt. Ripens in August.

Crawford's Early Freestone. A good market peach, fruit large, oblong, yellow with showy red cheek. Flesh yellow, juicy and sweet, bears well. Hardy south of here. Ripens in August.

Heath Cling Clingstone. Best for pickles, large, round, white-meated, juicy, highly flavored. Hardy here, but not in the North. Ripens in October.

J. H. Hale Freestone. Large size, beautiful rich orange yellow color with carmine cheek, smooth, a very good peach. See picture on top of this page. Does well as far North as the middle of Nebraska, and anywhere South and East of here. Ripens end of August.

Mayflower Semi-Cling. This and Alexander Early are the earliest peaches you can have. White meated, good size, and fine quality. Gets a nice red color even before fully ripe, blooms late and is fairly hardy. Ripens early in July.

Polly Freestone. One of the surest bearers. Claimed to be even hardier than Champion. Medium size, good flavor, white meated, ripens in August.

Peach-Cot A cross between the Apricot and Peach. As large as budded peaches; smooth. Wonderful flavor. The tree is just as hardy as regular peaches. Plant this tree for home use or market.

	1	3	10
2-4 ft. Prepaid.....	\$0.60	1.65	5.00
4-5 ft. Express.....	.80	2.25	7.00
5-6 ft. Exoress.....	.95	2.70	8.00

PLANTING INSTRUCTIONS

With the planting part completed, the newly planted trees and shrubs are pruned. Apple and Plum trees are pruned alike. Cut all branches back to one-half of their length, and where branches happen to stand too dense cut some of them out to make a balanced crown. There should be branches in each direction, and a center or "leader." Pear trees are shaped up in the same way, the branches that remain are not cut back. Sour Cherries require but very little pruning, only if a branch happens to be broken. On peach trees cut off all branches to within one inch from the stem. They make a fine new top. Prune Apricots same as apples and plums.

My hardy Peach Collection

1 Belle of Georgia 1 Polly
1 Champion 1 J. H. Hale
1 Hardy Summer Sage
All nice 4-6 ft. trees.

For **\$1.65** By
Only Express
1 Peach Cot Free

Crosby Freestone, medium size, lemon yellow and very downy; flesh bright yellow and firm. Very hardy. One of the best for home and market. Ripens mid-season.

Early Wheeler Semi-cling, medium early. An improved hardy peach of excellent quality. Flesh creamy white. Include this tree in your planting.

Strawberries

**HEAVY
PRODUCING
STRAIN**



JUNE-BEARING

Senator Dunlap The famous mid-season strawberry. Quality, even size, productiveness, vigorous growth of the plants, extreme hardiness are the major points in favor of the old fashioned Dunlap. My plants are young, well rooted; they will make you a No. 1 stand. 50 plants for 55c; 100 for 80c; 300 for \$2.10; 500 for \$3.00; prepaid.

Dorsett A new June bearer, bright red, large, firm, sweet, most delicious. A midseason strawberry, healthy, vigorous grower, and a good producer. 50 for 65c; 100 for \$1.00; 300 for \$2.60; prepaid.

Fairfax Claimed to be the sweetest of all June bearers. Ripens about a week ahead of Dunlap. Large bright red berries ripening perfectly to the core. For home use one of the choicest. 50 for 65c; 100 for \$1.00; 300 for \$2.60; prepaid.

Sonderegger's Premier The earliest of the June bearing sorts, a fine berry in every respect, and a good bearer. Should be in every planting for the first strawberries of the season. 50 for 75c; 100 for \$1.10; 300 for \$2.75; prepaid.

EVERBEARING

Giant Gem Everbearer Berries exceptionally sweet, glossy red, and red-meat, large and firm. Exceptionally hardy and free from leaf diseases. Will make you a good crop in June and in the fall. 50 for 85c; 100 for \$1.40; 300 for \$3.80; prepaid.

True Mastodon The leading ever-bearer on the market. Has crowded all the older sorts off the market due to a larger berry and heavier production in June and late summer. A good home garden variety that will produce well for you with a little watering through the summer. 50 plants, 90c; 100 for \$1.50; 300 for \$4.00; prepaid.

New Wayzata Everbearer

A highly flavored, extra sweet strawberry producing extra well in the fall. Grows in a close, compact bush form, making runners rather sparingly. This is the latest introduction of strawberry novelties. I advise you to try this plant. 25 plants for \$1.00; 50 for \$1.90; prepaid.

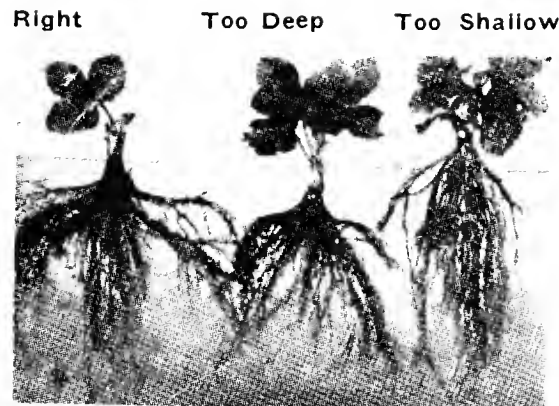


Home Garden Strawberry Collection

50 Senator Dunlap, midseason
25 Fairfax, early
25 Gem Everbearing

\$1.10
PREPAID

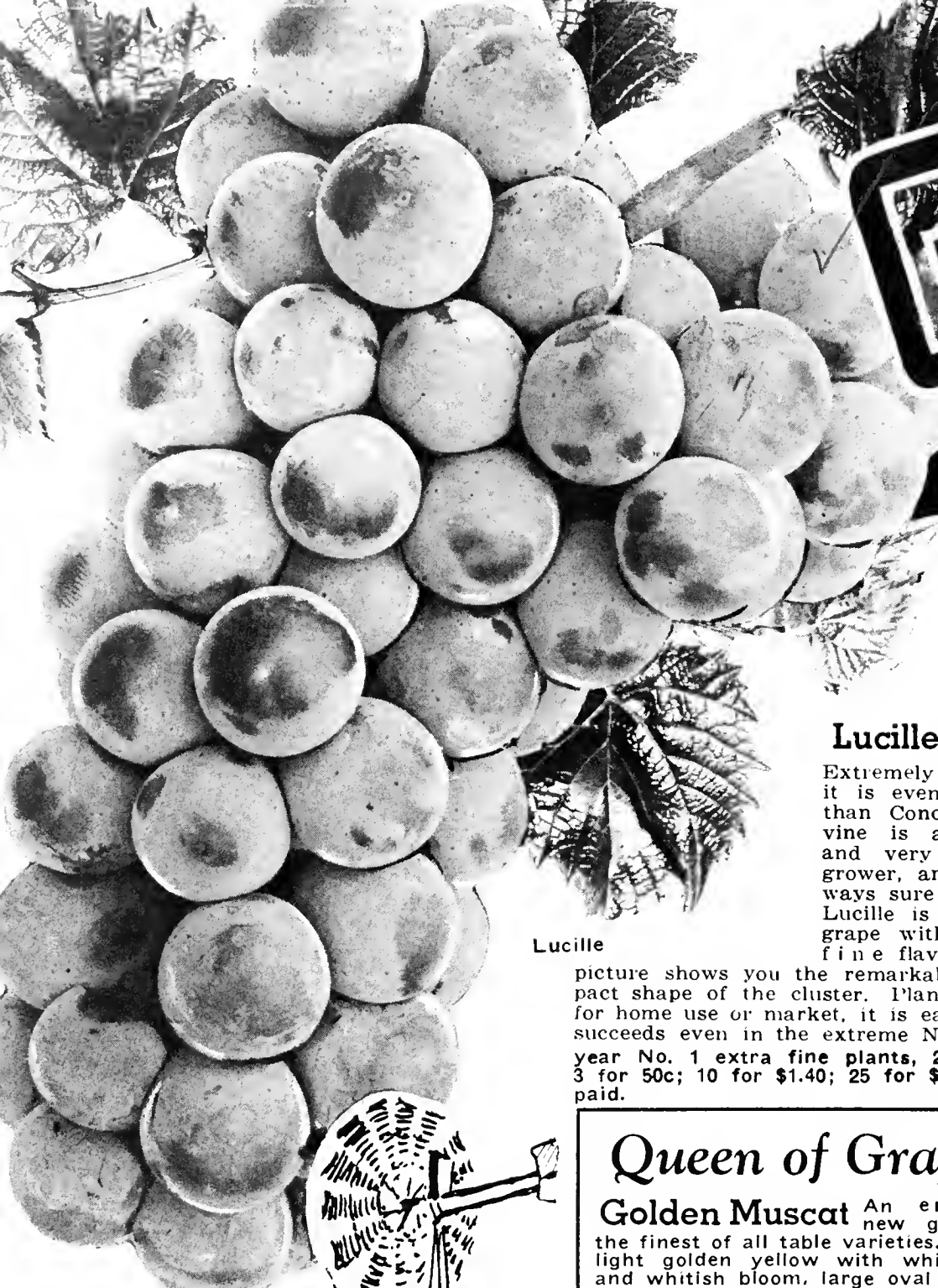
All choice plants, guaranteed to reach you in best condition.



PLANTING INSTRUCTIONS

Note the picture and plant your strawberries accordingly. The roots well spread out, and in the right depth. Right after planting, water each plant, never depend just on the soil being moist enough, watering settles the soil. Plant in rows, the rows in large plantings 2½ feet apart, in small planting 12 to 16 inches apart, and space the plants in the rows 12 inches apart. This leaves enough room for runners between the rows, and from the runners you get large crops year after year once your bed is started.

Every Shipment Guaranteed to Arrive in First-Class Shape.



G R A

YOUNG PRODUCERS

PLANT SONDEREGGER'S 2-YEAR No. 1 GRAPES

The splendid root system of a Sonderegger 2-year No. 1 Grape, their entire freedom from all insects and plant pests, and their special hardiness are your assurance of complete success when you make your planting from Sonderegger's stock.

Lucille, Red

Extremely hardy, it is even harder than Concord, the vine is a strong and very healthy grower, and is always sure to bear. Lucille is a sweet grape with very fine flavor. The

Lucille

picture shows you the remarkably compact shape of the cluster. Plant Lucille for home use or market, it is early, and succeeds even in the extreme North. 2-year No. 1 extra fine plants, 20c each; 3 for 50c; 10 for \$1.40; 25 for \$2.90 prepaid.

Concord, Black

The well known, fine old variety, planted everywhere. Bunches and berries of good size, black, covered with a rich blue bloom. Skin tender but firm, juicy sweet when fully ripe; very hardy and productive. There are varieties of better quality for table use, but for jelly, grape juice or wine none will equal Concord for heavy production, and regular bearing. Can be grown most anywhere, for the Middle West it is the most dependable bearer.

Prepaid:	3	10	25	100
2-year nice plants...	\$0.25	\$0.70	\$1.50	\$5.00
2-year No. 1 plants,				
extra heavy.....	.35	1.00	2.00	7.00

Worden, Black

Among the black grapes, Worden is second only to Concord as a popular grape for home use and market. Worden is a strain of the Concord, almost of the same high productiveness. The berries of Worden are a little larger than those of Concord, and have a better flavor. For fresh fruit I would prefer Worden to Concord. Worden is fully hardy in the Middle West, needs no winter protection. Ripens about one week ahead of Concord. 2-year No. 1 nice plants, 20c each; 3 for 50c; 10 for \$1.50; 25 for \$3.00; prepaid.

Moore's Early, Black

Bunches of medium size, rarely shouldered. Berries large, round, of very good quality. Desirable for market on account of its earliness. Berries in flavor are much like Concord, but larger. Moore's Early ripens so far ahead of Concord as to be off the market by the time Concord ripens. There are very profitable plantings of Moore's Early in the South as well as in the Northern states. For your home vineyard you should at least plant a few of them for early use. 2-year No. 1 fancy vines, 20c each; 3 for 50c; 10 for \$1.40; 25 for \$2.90; prepaid.

Pocklington, Yellow

Bunches large, very compact. Berries very large, juicy, sweet, with very little pulp. The vine is in every respect as hardy as Concord. You can grow Pocklington anywhere with the exception of the extreme North, where it should have a light protective cover over winter. Pocklington should be planted more freely, when fully ripe it is probably the sweetest grape there is. A splendid grape for your table. Extra fine 2-year No. 1 plants, 25c each; 3 for 65c; 10 for \$1.90; 25 for \$4.25; prepaid.

Queen of Grapes

Golden Muscat An entirely new grape, the finest of all table varieties. Berry light golden yellow with white dots and whitish bloom, large oval shaped, very juicy, tender, aromatic, sweet with a refreshing Muscat flavor. Skin thin not adhering to flesh, 1 to 2 small seeds which separate very easily. This new grape is hardy throughout the East and Middle West, is a wonderful producer, the berry clusters are extra large. The best there is for table use. It is not a good shipper, the berries are too tender to stand packing or shipping. Ripens with Concord. Supply limited. Order early. 70c each, postpaid.

Beta, Black

Hardy, rapid grower, for windmill cover and arbor planting. Wherever you plant Beta its sturdy, fast growth, and its perfect hardiness will please you. Beta will make quick shade over tall trellis work, arbors, or will cover windmill construction with its good, healthy, clean foliage. Beta produces enormous quantities of grapes, close-set medium size clusters, black in color, highly flavored, one of the very best for very dark colored juice. Make use of all tall structures, fences, etc. Cover them with Beta Grapes for better looks, shade and plenty of fruit. 2-year No. 1 strong grape vines, 20c each; 3 for 50c; 10 for \$1.40; 25 for \$2.90; prepaid.

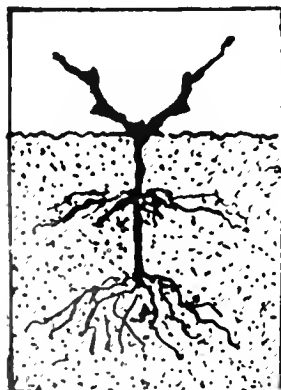
NOTICE: Grape vines cannot be shipped into the states of Oregon and Washington.

Hardy Farm-Grape Collection

6 Concord
3 Niagara
3 Lucille
\$1.40
PREPAID

12 Plants, 2 year No. 1

FREE: With this collection for your arbor or windmill—2 Beta Grapes.



PLANTING INSTRUCTIONS

My two-year-old Grape Vines are exceptionally well rooted. For this reason dig large holes, even larger than required for trees. Spread the roots, and plant at the depth shown in diagram at the left. Fill in with good top soil, use no kind of fertilizer. Water heavily to settle the soil. Right after planting cut each vine back to four eyes per vine.

PRES

• PROLIFIC BEARERS

SONDEREGGER'S ASSORTMENT THE BEST

After more than 50 years of trying literally hundreds of varieties in the Sonderegger test field, eliminating all varieties that did not come up to expectations the present list includes the very best in each color and time of ripening. You will be safe when you select from this assortment.

Niagara, White Home and market growers seem to agree that Niagara is perhaps the most valuable of all white grapes. Its clusters are large, and handsome, compactly filled with large berries having thin but tough skin. When fully ripe they are pale yellow with white bloom. Slightly pulpy, tender, sweet with a delightfully aromatic flavor peculiarly its own, and agreeable to most tastes. Vine is remarkably vigorous and productive. Ripens with Concord, and hardy as far north as Concord, also in the South. I have had reports of splendid results in commercial plantings in Florida, and at the same time it is perfectly hardy anywhere in the Eastern states and the Middle West. Fine, strong plants, 2 years old, No. 1, 20c each; 3 for 50c; 10 for \$1.40; 25 for \$2.90; prepaid.

2 SOUTHERN AND HOTHOUSE GRAPES

Wherever the ground freezes these grapes are not hardy unless covered with dirt and manure over winter. In the Middle West and North these grapes are called "Hothouse Grapes," and are planted in barrels or large tubs to be moved indoors over winter.

Thompson's Seedless Sultania Blanche. Vine an enormous bearer and very rapid grower; bunches very large, berries greenish yellow, firm, oval and seedless. Skin thin. Most of the seedless raisins are made from this variety, and are in strong demand. Thompson's Seedless is an early shipping grape, ripening in August. Largely grown in the Pacific states and in the South. In the North it can be grown in tubs, and will bear well. Can be kept in a cool cellar over winter. Nice 2-year-old No. 1 plants, 25c each; 3 for 60c; 10 for \$1.80; 25 for \$3.85; prepaid.

Flame Tokay This is the grape you find in fruit markets everywhere all through the winter. Berry large, pale red, covered with a bluish bloom. Flesh firm and sweet. In great demand, and one of the best known market grapes. Ripens in September. Grown in tubs, and moved indoors for winter protection this grape can be grown in the Middle West and in the North, but not hardy without this care. 2-year-old No. 1 plants, 25c each; 3 for 60c; 10 for \$1.80; 25 for \$3.85; prepaid.

All Grapes Prepaid

Fredonia, Black Fancy Table Grape. This is the finest early black grape of the hardy class. Fredonia is as hardy as Concord. The berries are of large size, black with blue bloom, and they ripen evenly. Fredonia has a most delicious flavor, rarely found in grapes. I recommend Fredonia, and I suggest that you include a few of them in your planting. My Fredonias are of the true original stock. Extra fine 2-year No. 1 plants, 25c each; 3 for 65c; 10 for \$1.85; 25 plants for \$4.20; prepaid.

Caco The grand table grape. A fancy grape of finest quality. Berries extra large, sweet, juicy, with a most pleasing flavor. Coming in well-shaped clusters of light red or amber color it is a most attractive looking fruit. Caco is perfectly hardy everywhere except the extreme North where it needs a little winter protection. The berries become sweet two weeks before they color up. Caco should be in every garden, it produces well, and there is nothing to take its place for good eating grapes. 2-year-old No. 1 fine plants, 25c each; 3 for 65c; 10 for \$1.85; 25 for \$4.20; postpaid.

Portland, White Splendid Table Grape. This is my earliest white grape. A fancy variety with its sweet and juicy berries. It is a hardy grape, as hardy as Concord, and is a healthy grower. Berries good sized, sweet, juicy and of fine flavor. Portland is also a good producer. Portland and the other fancy varieties I am listing in this column will be the pride of your garden. Nice, strong 2-year-old No. 1 plants, 25c each; 3 for 65c; 10 for \$1.80; 25 for \$4.00; prepaid.

Sonderegger's 2-year No. 1 Grapes begin to bear within a year. They are bred for special hardiness and unsurpassed productiveness.

Fredonia

Fancy Table-Grape Trio

1 Caco

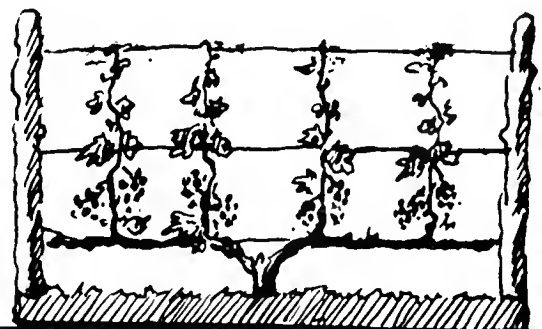
1 Portland

1 Fredonia

ALL FOR 65c PRE-PAID

PLANTING INSTRUCTIONS

For the first summer allow all vines to grow, but tie them up to a pole if you are not building a wire fence or trellis until the second year. The sketch at the right shows the first year's growth tied to the lowest wire as the main vine. Side branches for bearing tied vertically to the upper wires. These branches produce the fruit. Keep them cut off just at the height of the trellis, and early every spring cut out the branch that bore the previous year, making the cut within an inch from the main vine, and allowing a new sprout of previous year's growth to grow in.



Enjoy a Real Treat with Your Own Grapes.



Quillen
Black Raspberry

Sonderegger

BERRY Collection

for a 15x20 ft.
berry patch

- 6 Chief, red
- 6 Latham, red
- 6 Cumberland, black
- 3 St. Regis Everbearing

95c
POST-
PAID

21 Nice Plants

Prices of all Raspberries and Blackberries (Except Columbian and Brainerd) 3 plants for 25c; 10 for 55c; 25 for \$1.10; 100 for \$3.60; prepaid. All guaranteed true to name.

FAMOUS RASPBERRIES

Plant in rows 5 feet apart and 3 feet apart in the rows. Raspberries will do well in any soil. Keep the bed free from weeds, cultivate occasionally, cut old and dead canes out. Spraying in early spring before the canes get green (Dry Lime Sulphur diluted 1 to 20) will keep Raspberries free from disease, in great bearing condition.

RED RASPBERRIES

Chief The finest early Red Raspberry known, both for home use and market; a heavy producer, in quality and size about the same as Latham but 10 days earlier.

Latham See inside of rear cover page. Latham is the most popular Red Raspberry on the market, the best midseason variety. Berries of excellent quality, bears heavy.

St. Regis Everbearing Bears over a period of four months. Is very hardy, berries large and sweet. For home use St. Regis will produce nice berries for you for fresh use throughout summer and fall.

Columbian, Purple The only Red Raspberry that will not make root suckers. Productive, excellent quality, the berries are large, purple-red, and the plants are very hardy. Price of Columbian: 3 for 30c; 10 for 70c; 25 for \$1.50; 100 for \$4.75; prepaid.

Indian Summer The choice new Red Raspberry for heavy summer and fall bearing. Excellent bearer, fine quality. Hardy. Nice plants. 3 for 40c; 10 for 75c; 25 for \$1.60; prepaid.

Brainerd Bears well over a long season, and produces a lot of berries. Berry of the Giant Himalaya type, plant very hardy, and a vigorous grower. Planted especially in the Middle West and Northwest. 3 for 40c; 10 for 95c; 25 for \$2.00; 100 for \$7.00; prepaid.

BLACK RASPBERRIES

Cumberland A very hardy type, a good and dependable bearer. See rear inside cover page for colored Photo of Cumberland. Berries large, black, very firm. The plant does not make root suckers.

Quillen Hardy most anywhere in the Middle West, and in the North, a most abundant and sure bearer, and the berries are as good as the best in quality and size.

Golden Queen This is the best of the hardy yellow raspberries. Very sweet, as hardy as the red varieties. 3 for 40c; 10 for 90c; prepaid.

BLACKBERRIES

Mersereau See picture above. Early, a fine, large berry, black and sweet, without core. Due to its hardiness Mersereau is one of the best Blackberries for the Middle West. It is a good producer, and the quality of the berry is as good as the best.

Blowers Large berries, jet black, good shipper; favorite with market growers. Highly productive.

Blackberry Collection

- 6 Mersereau
- 6 Blowers
- 3 Brainerd

15 plants, all well rooted, nice healthy plants, guaranteed to reach you in good shape, for only

65c PRE-
PAID

PLANTING INSTRUCTIONS

Raspberries and Blackberries should be planted just slightly deeper than grown in the nursery row. Water well right after planting in order to settle the soil properly. Bank up two to three inches of dirt around each plant for easier starting. Cut all canes back to 4 or 5 inches from the ground. You will get new shoots from that part of the cane which is banked up. These new canes will grow several feet high the first summer. As soon as they are 3 or 3½ feet high, by midsummer, pinch them off at that height. Do this every year with the new canes. Old canes, those that have produced a crop of berries, are cut out or broken out near the ground in late fall or early spring, making room for new canes. This keeps your plants in good producing shape.

Collection GOOSEBERRIES and CURRANTS

Oregon Champion Gooseberry

This picture shows clearly the enormous bearing ability of this great variety. The shrub is a strong grower, not very thorny, the berries are of medium size, finest quality for canning and for pies. For regular and heavy crops Oregon Champion is of outstanding value. It is hardy. 2-year No. 1 shrubs, 2 for 59c; 5 for \$1.35; 10 for \$2.25; prepaid.

Downing Berries medium in size, handsome pale-green, and of splendid quality, for canning and for pies. The bush grows strong and upright, it is a healthy, hardy plant. Downing and Oregon Champion have long been the leading market varieties in Gooseberries, and are still the favorites with market growers. 2-year No. 1 shrubs, 2 for 59c; 5 for \$1.35; 10 for \$2.25, prepaid.

Chautauqua, Giant Size, Sweet

By far the largest berry; sweet when fully ripe. Excellent for canning, pies and for fresh eating. The only Sweet Gooseberry on the market. The bush is of spreading habit, hardy anywhere in the Middle West. Bears almost as heavy as Oregon Champion. For Chautauqua as well as all other varieties of Gooseberries, also Currants, I recommend a spray application early in the spring, before the leaf buds open, consisting of Dry Lime Sulphur (10 table-spoonfuls per gallon of water). It will keep your shrubs entirely free from mildew. A light spray of arsenate of lead just as soon as the leaf worms appear, in such localities where this insect may attack your plants, will be a perfect protection. In any planting be sure to include Chautauqua. I have a nice supply of true to name shrubs, well rooted and healthy stock: 40c each; 3 for \$1.00; 10 for \$3.00; prepaid.

Perfection Currant Note photo to the right showing the well filled clusters, and large berries of this splendid variety. It is the largest of the red currants, bearing remarkably well. Berries not very sour, few seeds, and bright red. Perfection is of excellent quality for canning and jelly, due to the large fruit and clusters, you can pick a basket full of 'Perfection Currants' as quick as picking Cherries. Perfection is hardy anywhere in the Middle West. It should be the main variety in every Currant planting, for home use or market. 2-year No. 1 shrubs, 2 for 55c; 5 for \$1.10; 10 for \$2.00; prepaid.

White Grape Currant

A sweet, white Currant, and a good bearer that can be grown anywhere, except the extreme North. For fresh eating you will find this berry better than the Red Currants. White Currants are quite sweet, having little or the acid of red varieties. 2-year No. 1 shrubs, 2 for 59c; 5 for \$1.35; 10 for \$2.25; prepaid.

Red Lake A new Currant of outstanding merits. Berries extra large, light red, very juicy, few and small seeds, and with a most pleasant flavor. A further special advantage is its resistance to Currant-rust. Prices: 2-yr. nice shrubs, 30c each; 3 for 75c; postpaid.

If you live in any of the following states:

California
Connecticut
Georgia
Idaho
Maine

Maryland
Massachusetts
Michigan
Minnesota
Montana

New Hampshire
New Jersey
New York
North Carolina
Ohio

Pennsylvania
Rhode Island
Tennessee
Vermont
Virginia

Washington
West Virginia
Wisconsin

Shipping of Gooseberries and Currants requires a special permit from your department of agriculture. I apply for the permit, you have no papers to sign, but your order should reach me 2 to 3 weeks before shipping time, so that I have time to get the special permit. To all above states Currants and Gooseberries are shipped in separate packages. No extra cost to you for permits.

PLANTING INSTRUCTIONS

Gooseberries and Currants should have a little shade. The east or north sides of buildings or under large trees are better than out in the open. Water them well for the first year in case of dry weather. Pruning of Currants is recommended for old plants only, removing the oldest wood. This is done in early spring. Gooseberries should be pruned every summer. When the berries are ripe, cut out the bearing canes entirely, this makes room for the new wood which bears the following year. Spray with Arsenate of Lead as soon as the leaf-worms appear. Cultivate the soil around these shrubs early in the spring.

Oregon Champion
Gooseberries3
Perfection Currants....3
White Grape
Currant1

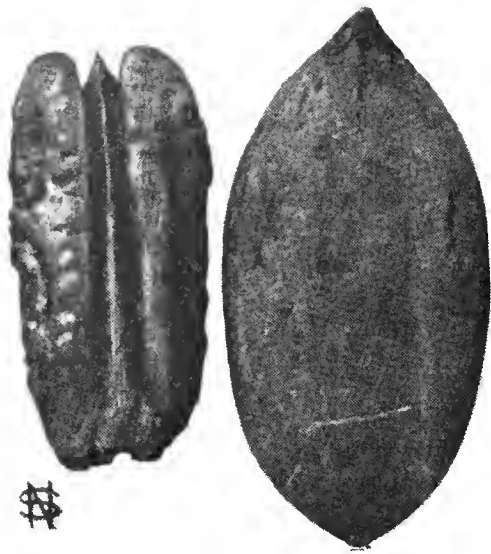
\$1.50 Postpaid
for.....7

FREE: With this collection you receive one Mock Orange Dianthaflora 18-24 in. flowering shrub, free.

PERFECTION
CURRANT

Pennsylvania laws require that I state in my application for a shipping permit the distance between your grounds and the nearest white pine forest, also the name of your township. My customers in Pennsylvania, please give me this information when you order Currants or Gooseberries.

Nut-trees



STUART PECAN NUT



BUTTERNUT, WHITE WALNUT

Stuart Pecan Hardier than the Common Pecan, and can be grown as far north as southern half of Missouri, southern Illinois and Indiana. The nuts are large (note picture at the left), thin shelled, the quality of which is very good. Plant them for home use and market. 18-24 inch grafted trees, 90c each, prepaid.

Japanese Walnut (Sieboldi) Makes a very pretty tree which bears young and abundantly. It is hardy along the east coast states, and from there west through southern Illinois, Indiana, southern Missouri and Kansas. There are some Japanese Walnuts growing in Nebraska, but they are not sufficiently hardy to be profitable in this state. The nuts come in clusters, they are heart shaped, easy to open, contain a nut meat of high quality. For the localities recommended this tree will be most satisfactory and should be planted much more freely. 2-3 ft. nice trees, 75c each; 3 for \$2.00; prepaid.

Butternut, White Walnut One of the finest native trees, and often planted for a shade tree. Hardy as far north as South Dakota. The nuts are large, long (note picture at the left), quality good. 12 to 18-inch seedlings, 3 for 40c; 10 for \$1.00; 25 for \$1.50; 100 for \$4.00; prepaid.

American Sweet Chestnut Does best in medium light, partly sandy soil, no pruning required, and little or no cultivation. Makes a very pretty tree, and also produces nuts of fair quality. I consider it hardy as far north as the southern part of Nebraska, farther north the tree will be hardy but will not produce fruit. For a number of years I have not listed this tree. I am doing so this year on the request of many of my customers. I have very nice trees in stock. 2 to 3 ft. size, 40c each; 3 for \$1.00; prepaid.



SWEET CHESTNUT

Hazelnut This is the old fashioned hardy type producing nuts of medium size. An upright growing bush, very useful for hedges or screens, or to make up the lower growth of the windbreak. Sometimes included in ornamental plantings for tall growth. 2-3 ft. nice shrubs, 40c each; 3 for \$1.10; 10 for \$3.00; prepaid.

Black Walnut Makes a large tree, and especially on bottom land a fast grower. Besides being a very good shade and ornamental tree the Black Walnut is the most valuable native tree for its wood. The nuts are hard shelled, but the meat is very tasty. I can supply seedlings of this tree (see page 19) and the following sizes of transplanted, straight trees:

	Each	3	10
3- 4 ft. trees.....	\$0.30	\$0.80	\$2.20
4- 5 ft. trees.....	.45	1.20	3.50
5- 6 ft. trees.....	.65	1.80	5.20
6- 8 ft. trees.....	.90	2.20	6.50
3-10 ft. trees.....	1.00	2.50	7.50

By Express or Freight.

Horseradish Can be grown most anywhere, and is very easy to grow, requiring practically no care, and being very resistant to drought and insects. I furnish just the right size cuttings for planting. Make a slanting hole with a heavy rod or rake handle, insert the cutting, with the lower end about 8 or 10 inches below the ground, the upper end covered just a few inches. Step on the soil to pack it. 10 cuttings, 30c; 50 cuttings, \$1.30; 100 cuttings, \$2.00; prepaid.

Rhubarb. See page 64.

Herbs. For a complete list of seeds see page 51.

Hop Vine Humulus Lupus. The root of this plant is hardy, makes new vines every year which are of extra strong growth, and can be used for trellis or fence covers. The blossoms, golden yellow in color, come in panicles about 6 inches long, much like straw flowers, and are often used in dry winter bouquets. This is the variety from which the hop flavor is extracted for brewery work. It is also in good demand for a nice strong growing vine of ornamental value. 35c each; 3 for 90c; postpaid.

Dried Leaves of Herbs. See page 51.

Mint Peppermint, mentha piperita. Grown for mint sauce, mint julep, and for medicinal purposes. This is the true variety. The plant can be grown most anywhere, some people include a few of these plants in the ornamental borders. Have the leaves on hand fresh by growing a few of the plants in your garden. 25c each; 3 for 50c; postpaid.

Washington Asparagus, Rustproof Exceeds in quality and heavy bearing any of the older varieties; it is of finest quality; does well most anywhere, and is rustproof.

Postpaid:	10	25	50	100	500
2-year heavy plants.....	\$0.30	\$0.50	\$0.85	\$1.50	\$6.50

Holt's Mammoth Sage This variety of sage has been developed especially for seasoning. It possesses an excellent sage flavor. The plant is a good, strong grower, and with a little covering over winter it remains hardy for years. The leaves should be picked just before the plant blooms, at that time they are in the prime for flavor, and if dried in the shade will keep the seasoning qualities for a long time. Store in air tight containers, preferably glass jars when the leaves are perfectly dry. 25c each; 3 for 50c; postpaid.

PLANTING INSTRUCTIONS

Plant nut trees following the planting instructions as given under fruit trees. Mint and the Sage are planted just like Perennials, and are covered over winter by first placing brush over the plants and putting leaves, straw or tomato tops over the brush. The latter keeps an air space between the plants and the cover. Hop vines freeze back to the ground every winter, and the roots being hardy will make an entirely new growth every year which reaches full size in one season, and blooms towards late summer. With all herb-seeds sowing instructions are on the packet. Make your garden more interesting, more complete, by adding a variety of herbs. You will appreciate them, many of the herb varieties are really the secret of tastier meals.



Persian Lilac (at left) makes a dense hedge or screen.

FLOWERING HEDGES and SCREENS

Persian Lilac Makes a most elegant tall hedge, will not make sprouts from the roots, keeps a healthy foliage throughout summer and fall, and blooms beautifully at "Lilac-Time." For a fine, dense screen-enclosure, plant Lilacs. Nice hedging size, 12-18 inch plants, 10 for \$1.65; 25 for \$3.75; 100 for \$14.00; prepaid.

Old Fashioned Lilac The same as the above except for its leaves, which are larger, and is preferred where there is no shortage of ground space, as this Lilac sometimes makes a few sprouts from the roots. Blooms beautifully. Special price on hedging size, 12-18 inch plants, 10 for \$1.20; 25 for \$2.80; 100 for \$10.00; postpaid.

Spirea Van Houtti There is no other flowering hedge of this height (4 to 5 ft.) that would be so hardy, and require so little care as the Spirea Van Houtti. Blooms beautifully in June. 12 to 18-inch nice plants, 10 for \$1.00; 25 for \$2.00; 100 for \$6.50; prepaid.

Bush Honeysuckles Grandiflora Bush Honeysuckle makes a pretty, very dense screen 8 to 10 ft. tall. Plant them 18 to 24 inches apart in the row. Blooms pink in May, later followed by red berries. Extremely hardy, always a fine, clean shrub, healthy foliage, and an upright grower. Can be sheared to even height. 12-18 inch nice plants, 10 for \$1.80; 25 for \$4.00; postpaid.

Chinese Elm Due to the rapid growth of the seedlings, and their response to shearing, a quick hedge can be grown from 12 to 18-inch Chinese Elm seedlings, see page 18. Particularly for hedging on the larger lawns of farm properties. Plant 6 or 8 inches apart in the row, cut the seedlings back to 6 inches from the ground right after planting to encourage a low branch system. Shear the new growth once or twice through the summer, and cut the hedge back every spring, allowing only 4 to 6 inches of growth to remain on the hedge from one year to the next.

Frame your garden with a HEDGE

Amur River Privet Amongst all sheared hedges Amur River Privet stands far out in the lead. Its extreme hardiness is only one of the advantages Amur River Privet offers; a clean, healthy, shining green foliage, a dense growth that responds wonderfully to shearing are also found in this Privet. I recommend planting either in a single row 6 to 8 inches apart, or in a double row for a very broad hedge, the rows 8 to 10 inches apart, the plants in the rows 8 inches apart, and standing alternately. Right after planting cut them back to within a few inches from the ground to make the hedge bush out low. Shear twice during the summer to even up the new growth. I have well rooted plants, the best for hedges:

Postpaid	10	25	100
12-18 inch nice plants....	\$0.65	1.30	4.75
18-24 inch strong plants...	.90	2.00	7.25

Golden Privet In every respect the same as the Amur River Privet, however, the leaves in a sunny location are of a beautiful golden yellow color, highly attractive. Individual shrubs, sheared round to ball forms can also be furnished at \$1.25 each, 2 to 3 ft. size, for planting as single specimens in groups of Evergreens. For hedges:

Postpaid	10	25	100
8-15 inch.....	\$1.00	2.20	8.00
12-18 inch strong plants..	1.60	3.50	12.50

Russian Olive—Silver Leaf Silvery-gray foliage and twigs, which makes a hedge of these plants very attractive. Plant 8 inches apart in the row, and shear the plants right after planting to 3 inches from the ground to make them bush out low. Will make a nice 4 ft. hedge, or for a tall screen plant 12 inches apart. Shear during the summer once or twice to even up the new growth, and cut the hedge back every spring, allowing only 4 inches of previous year's growth to remain on the hedge. My plants have strong roots, short tops, special hedge-grade: 6-12 inch and 12-18 inch. Prices see page 19.

Russian Mulberry Sheared from the beginning, just like Privets, the Russian Mulberry makes a very nice hedge. For this purpose plant 6 or 8 inches apart in the row, or plant in double rows like Privet. Prices of the seedlings, healthy, well rooted stock, and well up to grades, see page 19.



This photo of a flowering hedge of Spirea Van Houtti was taken by our customer, Mrs. John Listeman, Charter Oak, Iowa.



Amur River Privet hedging in a tall group of pyramidal cedars.

LOW ORNAMENTAL HEDGES

Barberry, Japanese Will make a pretty hedge up to 18 to 24 inches in height. Keeping its neat shining green foliage throughout the summer in perfect condition, changing to a showy red in fall. Densely branched, can be grown in sheared forms or without shearing in natural shape. For shearing plant 8 inches apart, for natural growth 12 inches apart in the row. Larger sizes see page 32.

12-18 inch—
Hedging size, 10 for 60c; 25 for \$1.30; 100 for \$4.25; postpaid.

Spirea Thunbergi—Flowering Makes a most attractive low hedge, not over 3 ft. in height, and of a beautiful light green color. Can be grown without shearing. The flowers are white, and appear in great profusion in early summer. 12 to 18-inch nice plants, 10 for \$1.50; 25 for \$3.50; 100 for \$11.50; postpaid.

THORNY HEDGES

Caragana, Siberian Pea Tree Extremely hardy, makes a pretty screen, very upright in growth, blooming yellow in May. Has a pretty foliage. For enclosure of your garden, as well as for stopping the wind, this plant is very satisfactory. Prices, see page 18.

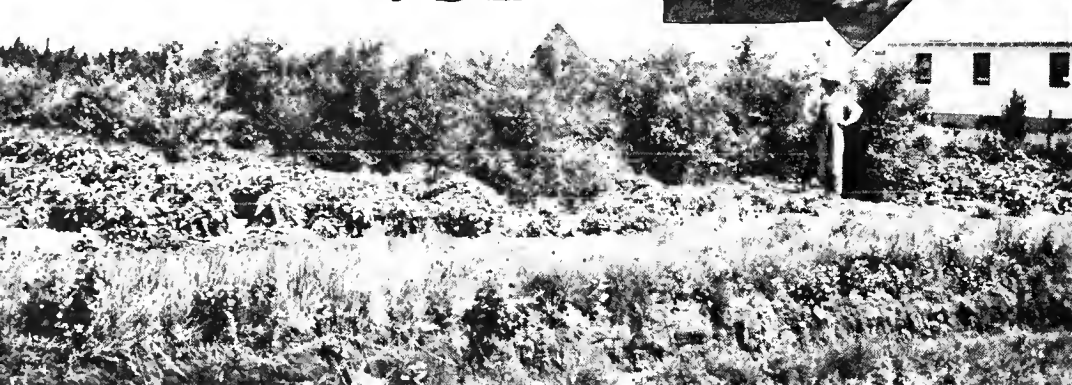
Honey Locust Gleditsia Triacanthos. Makes a stout, extra hardy, theft-proof hedge for field and stock enclosures. The strong thorns of Honey Locust will stop animals of any size. 18 inches apart is the right distance in the row. This Locust will never make suckers from the roots. For prices of the seedlings, see page 19.

Osage Orange

The most popular hedge for field and stock enclosures. Best for post growing. Osage Orange is coming back; in recent years it has been proven that these hedges protect fields from hot and dry wind, and catch the snow in the winter. It improves farm ground. Use 6 to 12-inch seedlings for hedges; prices, see page 19.

SMALL TREES

for WINDBREAK WOODLOTS EROSION CONTROL



A windbreak and snowtrap of Russian Olives and Chinese Elms, protecting the entire farm.



A hardy shelter-belt of Russian Olives planted in a double row 4 by 4 ft. apart.

Ash, White *Fraxinus Americana*. Wood very valuable for lumber and fire-wood. The Ash is a hardwood tree and probably one of the fastest growers of the hardwood type. Does well anywhere, perfectly hardy even in Canada; also resists the heat and drought of the Middle West. White Ash should be in every wood-lot planting.

By Express:	25	100	300	1000
6-12 inch	\$0.50	\$1.35	\$3.80
12-18 inch	\$0.25	.75	2.00
18-24 inch35	1.10	3.00
2-3 feet75	2.50	6.50

Prepaid:	25	100	300	1000
6-12 inch20	.60	1.55
12-18 inch33	.95	2.40
18-24 inch45	1.40	3.50
2-3 feet95	3.00	7.50

Catalpa Speciosa *The Hardy Catalpa*. This is a tree of tall, upright growth, large light green leaves. To make up the tall growth in a windbreak, one row of these Catalpas in the center will be very effective. The wood of this catalpa is of great value for posts, and due to the rapid growth of the tree, and its straight, tall stem, the posts are easy to grow, and are very straight. Having hard wood, the posts last for many years.

By Express:	25	100	300	1000
4-6 inch	\$0.35	\$0.90	\$2.50
6-12 inch	\$0.20	.50	1.35
12-18 inch30	.90	2.50
18-24 inch40	1.25	3.25
2-3 feet	1.25	4.50	.....

Prepaid:	25	100	300	1000
4-6 inch42	1.00	2.70
6-12 inch28	.60	1.50
12-18 inch40	1.10	2.90
18-24 inch55	1.50	3.80
2-3 feet	1.50	5.00	.....

Caragana *Siberian Pea Tree*. Excellent for ornamental screens and windbreaks. The tall, upright growth, attractive foliage, and a profusion of yellow flowers in the spring have put the Caragana in the foreground for windbreak-border. It is extremely hardy; can be grown with best success anywhere.

Not prepaid:	10	25	100	300
6-12 inch plants	\$0.25	\$0.55	\$1.75
12-18 inch plants40	.75	2.60

Prepaid:	10	25	100	300
6-12 inch plants35	.75	2.25
12-18 inch plants50	1.00	3.25

Notice! All grades of seedlings, shrubs and trees offered in this book are measured not including the roots. As many other nurseries measure roots and all in their grades, my 6 to 9 inch seedlings would correspond with an 18 inch grade of other quotations. It is therefore well that you make certain of the actual size of stock before you buy.

Cottonwood *Populus Sargentii*. The native timber tree. Very common along streams where it holds the soil well, and reaches mammoth dimensions, in thickness of its stems as well as the spread of its lofty crown. The Cottonwood withstood the drought and the cold remarkably well; it will survive where most other hardy trees would be short lived. The wood is used for making packing crates and boxes.

By Express:	25	100	300	1000
12-18 inch	\$0.30	\$0.80	\$2.00
18-24 inch40	1.25	3.20
2-3 feet50	1.50	4.00

Prepaid:	25	100	300	1000
12-18 inch38	.95	2.30
18-24 inch50	1.45	3.60
2-3 feet60	1.75	4.50

Elm, American *Ulmus Americana*. I know of no other shade and timber tree that would be so popular as the American Elm, especially in the Middle West. It is a fairly rapid grower and is hardy most anywhere. The tree makes a large spreading crown, very suitable for shade and street planting. Include American Elm in your wood-lot or timber planting.

Not Prepaid:	25	100	300	1000
12-18 inch	\$0.35	\$1.00	\$2.50
18-24 inch50	1.50	3.80
2-3 feet70	2.10	5.50

Prepaid:	25	100	300	1000
12-18 inch42	1.20	2.90
18-24 inch60	1.85	4.40
2-3 feet85	2.50	6.50

PERSIMMON

Can be grown as far north as the southern half of this state. The fruit is medium size, and must be fully ripe before it is good to use. The tree has a good appearance, it is often used as an ornamental tree. The wood is valuable. Persimmons will do well even on poor soil. I sell the hardy strain of seedling Persimmon. Price: 18-24 inch nice seedlings, 10 for 50c; 25 for \$1.00; 100 for \$3.00; prepaid.

Restock Your Timber and Woodlots. Plant This Spring.

Chinese Elm *Ulmus Pumilla*. When you plant Chinese Elms be sure they are the true hardy *Ulmus Pumilla* strain, because not all Chinese Elms are fully hardy. My seedlings are of the northern hardy type which can be planted safely anywhere and will be perfectly hardy. The Chinese Elm is the most rapid growing tree; it has also come through our last four years of extreme drought in remarkably good condition. Farmers everywhere, as well as townpeople, are replanting much of their lost trees and timber with Chinese Elms, knowing how fast this tree grows. Note the nice row of Chinese Elms, upper right hand corner page 21; a protection to nearby fields from hot winds, a snowtrap in the winter.

By Express:	10	25	100	300	1000
4-8 inch	\$0.40	\$1.00	\$3.00
6-12 inch	\$0.25	.75	2.10
12-18 inch	\$0.20	.35	1.00
18-24 inch30	.50	1.75
2-3 feet45	.75	2.50
3-4 feet90	1.70	5.20

Prepaid:	10	25	100	300	1000
4-8 inch48	1.15	3.30
6-12 inch35	.95	2.40
12-18 inch28	.45	1.25
18-24 inch40	.60	2.00
2-3 feet60	.95	2.90
3-4 feet	1.20	2.20	6.00

Hackberry *Celtis Occidentalis*. A most valuable tree that should be included in any timber planting. One of the very best for a long-lived shade tree. Very hardy, and unusually drought-resistant. I recommend it especially for wood-lots and for shade.

By Express:	10	25	100	300
6-12 inch	\$0.25	\$0.35	\$1.20
12-18 inch35	.70	2.20
18-24 inch50	1.00	3.50
2-3 feet65	1.30	4.60
3-4 feet80	1.70	6.00

Prepaid:	10	25	100	300
6-12 inch33	.45	1.35
12-18 inch43	.80	2.50
18-24 inch60	1.15	3.90
2-3 feet80	1.55	5.30
3-4 feet	1.00	2.25	7.00

PLANTING INSTRUCTIONS

After receiving shipment, put roots of the seedlings in cold water for a few hours. Before taking them out for planting, dip the roots into a paste of thin mud, plant with plenty of mud sticking to the roots. Plant 1 inch deeper than grown in the nursery. Water right after planting. For choice, straight stems, cut the seedlings off right after planting, make the cut next to the ground. There will be two or three sprouts per seedling within a short time. Cut the sprouts all off but one, which will make a perfectly straight stem in one growing season.

FOREST TREES

Special LOW PRICES



A woodlot stops the wind, holds snow and moisture.

Farm Hedges for Shelter Belts. Protect Your Fields.

Black Locust *Robinia Pseudoacacia*. In great favor for Erosion Control. It holds the soil firmly even on extremely steep ground, due to its habit of forming a dense network of roots, which sometimes make sprouts. This tree grows fairly fast; it is a valuable tree for its wood also.

By Express:	25	100	300	1000
6-12 inch.....	\$0.25	.60	1.70	5.00
12-18 inch.....	.30	.95	2.50	7.50
18-24 inch.....	.40	1.40	4.00	12.00
2-3 feet.....	.50	1.85	5.00	16.00
3-4 feet.....	.65	2.25	6.00	...
Prepaid:				
6-12 inch.....	.33	.75	1.90	5.40
12-18 inch.....	.40	1.15	2.80	8.10
18-24 inch.....	.50	1.70	4.40	12.80
2-3 feet.....	.65	2.20	5.50	...
3-4 feet.....	.85	2.65	6.80	...

Honey Locust *Gleditsia Triacanthos*. This Locust will positively not make suckers from the roots. You can grow pasture or lawn grass under this tree, and the grass will do extra well in the shade of this Locust. It is a clean tree, of the hardwood type but growing quite rapidly. Perfectly hardy everywhere, resists drought extra well. For timber, wood-lots, for shade in grazing grounds, and, due to its very stout thorns, for strong, protective cattle fences. For theft and cattle proof fences plant 18 inches to 2 feet apart in the row.

By Express:	25	100	300	1000
6-12 inch.....	\$0.25	.60	1.70	5.00
12-18 inch.....	.30	1.00	2.60	8.00
18-24 inch.....	.45	1.50	4.20	13.00
2-3 feet.....	.55	1.90	5.30	17.00
3-4 feet.....	.70	2.25	6.00	...
Prepaid:				
6-12 inch.....	.33	.75	1.90	5.40
12-18 inch.....	.40	1.20	2.90	8.60
18-24 inch.....	.55	1.80	4.60	14.00
2-3 feet.....	.70	2.25	5.80	...
3-4 feet.....	.90	2.70	6.80	...

Thornless Honey Locust

Gleditsia Triacanthos Inermis. In every respect the same as the Honey Locust, except that it has no thorns. In the seedlings about 60% come true thornless.

By Express:	3	10	25	100
18-24 inch.....	\$0.15	.40	.75	2.50
2-3 feet extra heavy..	.20	.55	1.00	3.20
Prepaid:				
18-24 inch.....	.20	.50	.90	3.00
2-3 feet extra heavy..	.30	.70	1.30	4.00

Bur Oak *Quercus Macrocarpa*. Going through drought stricken timberland it is readily noted that this Oak came through unharmed. Perfectly hardy, can be grown anywhere. One of the most profitable timber trees, plant it freely, it will do surprisingly well.

Not prepaid:	10	100	300	1000
4- 8 inch.....	\$0.15	\$0.90	\$2.40	\$6.00
8-12 inch.....	.20	1.20	3.00	8.00
Prepaid:				
4- 8 inch.....	.20	1.00	2.70	6.70
8-12 inch.....	.30	1.45	3.50	9.00

Osage Orange *Toxylon Pomiferum*. Used largely for stock fences, planted 18 inches apart in the row, also for post growth, and for that purpose space the rows 6 feet apart, the plants in the rows 2 feet. This is one of the very best plants to produce long lasting posts.

By Express	25	100	300	1000
4- 8 inch.....	\$0.40	\$1.00	\$2.80	...
8-12 inch.....	.20	.55	1.40	4.00
12-18 inch.....	.30	.80	2.10	6.60
18-24 inch.....	.40	1.20	3.00	...
Prepaid:				
4- 8 inch.....	.48	1.10	3.10	...
8-12 inch.....	.25	.70	1.60	4.50
12-18 inch.....	.40	.95	2.40	7.30
18-24 inch.....	.55	1.40	3.30	...

Russian Mulberry *Morus*. There is no other tree that would combine so many good features. The tree is entirely hardy, resists drought well, is even successful in alkali soil. Grows very rapidly. It is a perfect boarding house for song birds and bees. The wood is very valuable, especially for posts which are very long lasting, and can be grown in a short time. Finally, the seedlings can be planted like Privets for an ornamental (sheared hedge). Prices extra low this year.

By Express:	25	100	300	1000
6-12 inch.....	\$0.20	.65	1.65	5.00
12-18 inch.....	.35	1.10	2.90	9.50
18-24 inch.....	.48	1.30	3.60	11.50
2-3 feet.....	.65	2.25	6.00	19.00
Prepaid:				
6-12 inch.....	.28	.80	1.90	5.60
12-18 inch.....	.43	1.30	3.40	10.50
18-24 inch.....	.60	1.60	4.40	13.00
2-3 feet.....	.80	2.75	7.20	...

Russian Olive *Eleagnus Angustifolia*. A medium size, clean tree, very hardy. Fine for windbreak, snowtrap, also for ornamental hedges. Foliage silvery-white.

By Express:	10	25	100	300
12-18 inch.....	\$0.35	.70	2.60	7.20
18-24 inch.....	.45	.90	3.20	8.00
2-3 feet.....	1.00	2.00	7.20	...
Prepaid:				
12-18 inch.....	.45	.85	3.00	7.80
18-24 inch.....	.55	1.10	4.00	10.40
2-3 feet.....	1.20	2.50	8.80	...

Soft Maple, Silver Maple

Acer dasycarpum. A very popular timber and shade tree, hardy and a rapid grower.

By Express	25	100	300	1000
18-24 inch.....	\$0.35	\$1.10	\$2.90	\$9.00
2- 3 feet.....	.50	1.50	4.00	...
3- 4 feet.....	1.00	3.50	...	...
Prepaid:				
18-24 inch.....	.50	1.30	3.20	10.00
2- 3 feet.....	.75	2.00	4.80	...
3- 4 feet.....	1.50	4.50	...	...

Black Walnut *Juglans Nigra*. No timber or wood-lot is complete without a few rows of Black Walnut: even in the windbreak the taller growth of Black Walnut is very desirable for the center rows. Tree hardy, grows fairly fast, on low land, creek bends, etc. It grows as fast as softwood trees. Of special value for its wood. A Black Walnut timber on your farm represents most appreciable assets.

By Express:	10	25	100
6-12 inch.....	...	\$0.65	\$2.20
12-18 inch.....	.45	.90	3.20
18-24 inch.....	.55	1.10	4.20
Prepaid:			
6-12 inch.....	...	.80	2.50
12-18 inch.....	.55	1.10	3.60
18-24 inch.....	.65	1.35	4.70

Norway Poplar *Populus Eugenei*. Also called "Sudden Saw-log," due to its extremely rapid growth. For quick timber plant this tree; makes heavy logs within a short time.

Not prepaid:	10	100	300
2-4 ft. trees.....	\$0.50	\$3.00	\$7.50
Prepaid:			
2-4 ft. trees.....	.75	4.00	9.50

Golden Willow *Salix Aurea*. Extremely hardy, especially in the North where it makes one of the most wind resisting windbreak trees you can have. Plant more Golden Willow. It is a good tree.

Not prepaid:	10	100	300
18-24 inch.....	\$0.35	\$2.50	\$7.00
2-3 feet.....	.50	3.50	9.00
3-4 feet.....	.70	5.00	12.00
Prepaid:			
18-24 inch.....	.45	2.90	7.80
2-3 feet.....	.65	4.20	10.00

PLANTING INSTRUCTIONS

Cultivate for the first year to keep the weeds down, and the soil loose. This means added growth. The corn cultivator will do the work. Commencing the third or fourth year after planting, cut out every second stem for a post. Make a second cutting for heavy posts after another four years which makes room for the remaining trees to grow up to big timber, at a distance of 12x12 or 16x16 feet.

Ornamental and Shade

Ash, American White *Fraxinus Americana*. Grows well most anywhere, requires very little attention, and makes a very nice well-shaped crown. Exceptionally hardy, drought resistant; one of the fastest growing hardwood trees.

Ash, European Mountain *Sorbus aucuparia*. A hardy tree of medium size, smooth bark, dense even top, bearing from July till winter, large clusters of bright red berries. A fine lawn tree.

American Plane Tree *Sycamore. Platanus occidentalis*. Also called Buttonwood. A rapid growing tree reaching an enormous height and spread. Bark smooth, light colored mottled green. Very large leaves. Truly a majestic tree, in special favor for street planting in large cities as the tree stands smoke and gases quite well.

Birch, White European *Betula alba*. A graceful, tall tree, getting a white bark in later years. Very showy, especially in groups of evergreens. Hardy as far north as the Dakotas and Minnesota.

Flowering Trees The finest selection of hardy varieties listed on pages 22 and 23. Wherever you wish a small tree, showy, profuse bloomer, plant one of these fine trees.

Catalpa Speciosa *Hardy Catalpa*. An effective, tall tree of tropical appearance with its very broad, large, light green leaves, and purplish white blossoms. Grows rapidly, and resists drought remarkably well. Can be grown as far north as the middle of Nebraska and northern Iowa.

Catalpa Bungei *Umbrella Tree*. Makes a very even globe-shaped head, dense, without pruning, and showy, with its large, light green leaves. The stem never grows taller. It is a fine showy dwarf tree for parks, lawns and cemetery planting. Hardy as far north as northern Nebraska.

Elm, American White *Ulmus Americana*. The most popular of all shade trees for street and park planting. A large, spreading crown, rapid growth, and the fact that it is hardy most anywhere make this Elm just what it is: the popular favorite.

Elm, Chinese *Ulmus Pumilla*. I am growing only the true Chinese Elm, which is the hardy strain. Resists drought better than most trees, and it is the most rapid grower I know of. This is best demonstrated by the oldest tree of this variety in Nebraska, which still stands on our home place. Father Sonderegger planted it there 23 years ago, as a 12-inch seedling that was furnished him by the U. S. Government for special testing purposes. The stem is now 23 inches thick. It is a tall tree with a lofty, spreading crown. For this year I have very nice Chinese Elms, extra well rooted; they will assure you of quick results.

Elm, Moline A special type of Elm that is just as hardy as the others, but differs in its habit of growth, being a tall, upright grower, almost like the Poplar. It is a rapid grower, the leaves are larger than those of the common Elm. For an erect, tall grower, you will find this Elm highly satisfactory.

Hackberry *Celtis Occidentalis*. A native tree with slender branches, bright shining green foliage. It grows fairly rapid, resisted our recent period of drought, and also the borers which have damaged trees in some localities. Hackberry will always remain one of the best trees for general planting throughout the Middle West.

Linden, American *Tilia Americana*. Basswood. An excellent tree for shade and ornament, keeping a clean, healthy foliage, and blooming profusely in June. Fairly rapid grower, and makes a well shaped spreading crown. A tree you will like.

Locust, Honey *Gleditsia Triacanthos*. A most valuable native tree with spreading branches, forming a large crown of very good and even shape. The leaves are small, coming in sprigs of 18 and more, always free from disease or insects. For a hardwood tree this is perhaps the most rapid grower, and is perfectly hardy everywhere. Has very prominent thorns. This Locust never makes sprouts from the roots. The Honey Locust should be planted more frequently.

Locust, Thornless *Gleditsia Triacanthos Inermis*. For street and lawn planting it is one of the very choicest long-lived hardwood trees. Without pruning it will grow up to a beautiful shade tree, developing a splendid crown. It is a fast grower, second only to the Elms. Due to an unusually deep root system, grass or flowers can be grown with best success even close to this tree; it never makes sprouts or suckers from the roots. Entirely hardy, healthy and clean.

Maple, Soft or Silver *Acer Dasy-carpum*. Very hardy, easy to grow, and a rapid growing tree. Leaves finely cut, green with whitish color underneath.

Maple, Norway *Acer Platanoides*. A hardy tree of majestic form, perfect outline of the crown. It is a hardwood tree, leaves very large, deep green, changing to a pretty pale yellow in the fall. I recommend this tree for a hardy, long lived tree of special beauty.

Maple, Sugar or Hard Maple *Acer Saccharum*. Makes a large pyramidal tree with large, handsome foliage of rich, pleasing green, turning red in the fall. Very hardy, although it is not a rapid growing tree for the Middle West. It is a long lived tree.

Pin Oak *Quercus Palustris*. One of the most beautiful trees, entirely hardy, develops a wonderful crown, very symmetrical with a perfectly straight center stem from which the limbs branch off horizontally as if an architect had built this tree especially for height and perfect spreading. A hardwood tree of fairly fast growth, the leaves turn reddish brown in the fall, and cling to the branches until spring.



Moline Elm

Chinese Elm

Nioba Weeping Willow

PLANTING INSTRUCTIONS

Preparation of the holes is the same as described in planting instructions under fruit trees, beginning page 4. Cut the ends of the roots smooth before planting, and plant trees of 4 to 6 ft. size, 2 inches; larger trees 3 to 4 inches deeper than grown before in the nursery row. Water well at planting time, and water occasionally during dry weather the first year.

TREES

Hackberry—A 15-year-old planting of a double row in the Beatrice Chautauqua park, that came through four years of extreme drought without showing signs of being affected.

Prices of All Ornamental Shade Trees

	3-4 ft.	4-5 ft.	5-6 ft.	6-8 ft.	8-10 ft.	10-12 ft.	Larger Trees
Ash, American	\$0.28	\$0.40	\$0.55	\$0.75	\$1.00	\$1.50	
Ash, European Mountain	.75	1.00	1.60	2.00	...	...
American Plane tree, Sycamore	.45	.60	.75	...	...	...
Birch, White European	.75	.95	1.30	1.50	...	...
Catalpa Bungei	.90	1.30	1.80	...	...	...
Catalpa Speciosa	.25	.40	.55	.75	1.00	...	
Elm, American White	.20	.30	.50	.65	.90	1.20	
Elm, Chinese, Standard	.10	.15	.20	...	...	...
Elm, Chinese, extra heavy	.25	.35	.50	.85	1.30	2.50	
Elm, Moline	.30	.45	.70	1.20	1.80	2.50	
Hackberry	.35	.55	.85	1.25	2.20	...	
Linden, American	...	...	1.35	...	...	...
Locust, Black	...	...	...	.60	1.00	1.25	
Locust, Honey Locust	.25	.40	.50	.90	1.20	1.80	
Locust, Thornless	.35	.50	.80	1.00	1.30	2.00	
Maple, Silver or Soft	.35	.50	.65	.80	1.25	...	
Maple, Sugar or Hard	...	.90	1.25	1.85	...	...
Maple, Norway	...	.70	.90	...	...	...
Oak, Pin Oak	...	1.25	1.50	2.20	2.75	...	
Olive, Russian	.40	.60	.75	.95	1.30	1.75	
Poplar, Bolleana	...	...	.90	1.20	1.50	...	
Poplar, Norway	...	.35	.45	.60	.80	1.00	
Poplar, Volga	.25	.30	.40	.50	.60	...	
Willow, Golden	.15	.25	.40	.60	.70	...	
Willow, Nioba Weeping	.25	.40	.65	.80	1.10	...	
Weeping Birch, Cut-leaf	...	1.50	2.00	2.50	...	...

On larger trees, prices on request. Please write. State varieties, number and sizes desired.

QUANTITY DISCOUNT. All prices quoted above are for one tree. On orders for three trees I allow a discount of 3%; on five trees 5%; on ten trees or more, deduct 10%.

FREIGHT. If your order for these trees amounts to \$15.00 or more, I pay the freight.

Russian Olive *Eleagnus Angustifolia.* A beautiful lawn tree with spreading crown, silvery gray long narrow leaves. Bark nearly black. Small yellow blossoms in the spring which are highly fragrant. Creates a striking effect on the lawn, in parks or in groups between evergreens or tall shrubs. Extremely hardy and drought resistant.

Poplar, Bolleana *Populus Eugenei.* Grows to a spire of 80 ft. in height, leaves shining dark green with silvery white underneath. Hardy as far north as Nebraska. Does not make root-sprouts. A beautiful tree, of striking effect in the landscape.

Poplar, Norway *Populus Eugenei.* Sudden Saw Log—so called due to its extremely rapid growth. For extra quick results, timber or shade, this tree will please you. Bright green foliage, spreading crown, very hardy. Plant this tree wherever you need large trees quick.

Poplar, Volga *Populus Eugenei.* For the Middle West and the North, this tree takes the place of Bolleana Poplar, as Volga Poplar is much hardier; it is also an upright grower (column shape), however, it is a little more spreading than Bolleana. The leaves are green underneath also. Grows very fast.

Golden Willow *Salix Aurea.* The hardiness of this tree, its resistance to wind, its rapid growth, the showy golden bark in the winter, combined, should secure a much better place for Golden Willow with landscapers and planters everywhere. Especially where the tree is needed for wind protection, it will certainly give perfect satisfaction. Easy to grow.



Thornless Honey Locust Most rapid grower of all hardwood types, clean, healthy, no root sprouts to bother lawn or flower beds.



Pin Oak The tree that keeps the leaves all through the winter, shedding them in the spring when the new buds open.

Volga Poplar Rapid, upright growth, one of the most suitable trees to create a tall background, or offset the height of a tall building.

WEeping TREES

Nioba Weeping Willow

Near a pool, on the lawn, in parks and cemeteries, the Nioba Weeping Willow adds great charm to the landscape. Its long, slender branches that touch the ground or water-edge in graceful arches, the light green foliage, and during the winter the golden yellow color of bark and branches, assure you of an attractive tree the year round.

Cutleaf Weeping Birch Grows tall, with white bark, and gracefully drooping branches. Very attractive. The tree is hardy in the Middle West, except in the extreme northern part.

Tea's Weeping Mulberry I have the trees of 5 to 6 ft. size, which will always stay at that height, the crown developing, densely branched, and sending slender vine-like branches drooping down to touch the ground. My trees have good two-year grafted heads, \$2.20 each; 2 for \$4.00.



EVERG

Pfitzer's Juniper

Juniperus Pfitzeriana. A Dwarf Evergreen of dark green color, grows in a beautiful vase shape, the only hardy Juniper strain to produce this growth and shape. Very good. Wherever a Dwarf Evergreen is wanted, this tree will be very satisfactory. For a creeping or low spreading Juniper use Waukeegan Juniper

Photo at the left:
Juniperus Virginiana with
Barberry for Border Hedge.

Juniperus Virginiana—Red Cedar

Extra hardy, and has come through the country's worst drought in splendid shape. This is the dark green strain of Red Cedar that holds the color well throughout the year. Wherever you plant this tree you make a great improvement; they make a grand showing the instant they are planted, due to their perfect shapes. My trees have been under expert care for years, with constant shearing they have become perfectly shaped and very dense. Trees of such quality are perfect specimens; there is nothing else that would improve the appearance of a home so promptly and so thoroughly. They are easy to plant, easy to get started, just plant the root-ball two or three inches deeper and water heavily as you fill in the soil around the root-ball.

Scotch Pine

Note photo above. An excellent pine for windbreak due to its exceptionally rapid growth, its hardiness, and vigorous development of stout branches.

Austrian Pine

Second only to Scotch Pine in being a rapid grower, with stout branches, needles 4 to 5 inches long, and the tree is perfectly hardy. A most valuable pine.

Bull Pine, Ponderosa

Also called Western Yellow Pine. Has very long needles; the tree is well and stoutly branched, very hardy. A fine tree for wind protection, and of nice appearance.

Prices of All Varieties of Upright Evergreens

Prices include complete root-balls, sewed in burlap cover.

Height in feet	2	3	4	5	6	7	8
Arbor Vitae, Chinese, sheared.....	\$1.80	\$2.50	\$3.00	\$...	\$...	\$6.00	\$7.00
Douglas Fir	1.50	...	...	...	...	...	...
Colorado Blue Spruce .....	...	8.00	10.00	12.00	13.50	...	...
Pine, Austrian .....	...	3.00	4.00	5.00	...	...	...
Pine, Scotch .....	...	2.40	3.20	4.00	4.80	5.60	...
Pine, Bull Pine .....	...	3.00	4.00	...	...	...	...
Juniperus, Swedish	2.00	3.00	...	...	...	...	...
Juniperus Scopulorum, blue-green.....	2.50	3.75	5.00	6.25	...	...	...
Juniperus Virginiana, sheared	1.75	2.25	4.00	6.00	7.00	...	...

Dwarf Evergreens

Spread of tree in inches	12-18	18-24	24-30	30-36
Mugho Pine	\$...	\$3.80	\$4.50	\$...
Juniperus Pfitzeriana	2.50	3.50	5.00	...
Waukeegan Juniper	2.00	3.00	...	...
Juniperus Stricta .....	...	...	3.00	4.00

FREIGHT: Not included in prices quoted above. I can give you the shipping weight and freight rate on request. Please write number, size and variety you are interested in.

QUANTITY DISCOUNT: 8% off for pairs; 10% discount on 5 trees or more.

Flowering TREES

Bechtel's Double Flowering Crab

(*Pyrus Coronaria*.)

Produces a wealth of double fragrant blossoms of delicate pink color. Makes a wonderful dwarf tree, one of the finest for flowers, which can also be used in bouquets. 2 to 3 ft. nice trees, 75c each; 3 for \$2.10. 18-24 inch trees, 60c each, 3 for \$1.50. Prepaid.

Florabunda Crab

A very showy tree when in full bloom. Blossoms of red or reddish-pink turning almost white before they fall. The twigs are very pretty, often used for bouquets.

Tree Hydrangea

The large flowering Hydrangea *Paniculata* Grandiflora grafted and trained to tree form. Will bloom the first summer and will eventually grow to a nice dwarf tree with umbrella-shaped crown. A pair on either side of walk or a row planting will make a superb showing. 3-4 ft. trees, \$1.25 each; 2 for \$2.25, by express.

	1	3	10
2-3 ft.....	\$0.45	\$1.20	\$3.60
3-4 ft.....	.55	1.50	4.50
4-5 ft.....	.70	1.95	5.80
5-6 ft.....	.90	2.50	...

Tamarix

See page 30. A most beautiful and showy tall growing shrub which by pruning can be trained to tree form. Stands salty and alkaline soil well. Blooms through the greater part of the summer.

Varnish Tree

Koelreuteria. A rare tree from north China that grows to a height of 25 feet with large clusters of yellow flowers in July. Very ornamental.

	1	3
18-24 inch.....	\$0.50	\$1.35
2-3 ft.....	.65	1.80
3-4 ft.....	.80	2.10
4-5 ft.....	1.00	2.50

Dolgo Crab

A nice tree, blooming beautifully, followed by scarlet fruit. Very valuable for jelly. For full description see page 5. Prices on page 4.



Florabunda Crab

In bloom for several weeks, a beautiful sight. You will be proud of a tree like this on your lawn.

REENS



Chinese Arbor Vitae This tree came in excellent condition. Stands the winter here perfectly well. It is a fast grower, with pretty light green foliage, that can be sheared, and grows to a nice dense shape. I can furnish you this tree in natural growth for background and windbreak planting. Also in Pyramidal shapes which have been sheared for years in the growing field, and the globe shape special pruned and sheared to form a dense globe form.

Colorado Blue Spruce The prettiest of all Spruce sorts, perfectly hardy, with pretty needles, and a good dense growth. Fine for single specimens on the lawn, in parks or on the cemetery grounds. I have the selected good blue type.

Evergreen--Seedlings

For Windbreaks: How to Plant. Plant the seedlings in beds, 12 by 24 inches apart. Shade the bed for the first year or two with burlap or lath-top. Cultivate and water frequently. Within two growing seasons you will have nice little trees, transplant them with complete root-balls to your permanent windbreak.

Delivery in April Evergreen seedlings can be furnished in April; at no other time of the year. They will be dug just before the shipping, therefore perfectly fresh. Keep the roots protected from wind and sun while you plant.

for Special Beauty

Prunus Triloba A most charming little tree, blooms beautifully in the spring, blossoms double, light pink, very showy. Perfectly hardy. Makes a beautiful tree on the lawn or between shrubs.

	1	3	10
18-24 inch.....	\$0.35	\$0.95	\$2.90
2-3 ft. ....	.50	1.35	4.00
3-4 ft. ....	.65	1.80	5.50

Hansen Purple Leaf Plum All through the growing season a most showy tree, its reddish purple leaves showing up splendidly. As a single specimen on the lawn, or among plantings of tall shrubs with green or yellow foliage this tree shows up extra well.

	1	3
2-3 ft.....	\$0.50	\$1.40
3-4 ft.....	.80	2.25
4-5 ft.....	1.00	2.75

Paul's Double Flowering Thorn (Crataegus Oxycanthus Pauli.) A very handsome dwarf tree with shiny foliage. Blooms in late spring in compact clusters of small, double, crimson flowers. Fine for single planting or for groups. 3-4 ft. nice trees, \$1.40 each; 3 for \$3.00.

Pussy Willow Produces the large catkins in early spring. Very pretty. The tree is very hardy, a nice upright grower, with good healthy foliage.

	1	3	10
18-24 Inch	\$0.25	\$0.65	\$2.00
2-3 ft.....	.35	.95	3.00
3-4 ft.....	.45	1.25	4.00

Caragana—Siberian Pea Tree Can be grown in form of a tall shrub, or as a dwarf tree. For background and screen planting. It has a nice feathery foliage, and blooms in May, the flowers come in nice clusters of yellow pea-shaped blossoms.

	1	3	10
2-3 ft.....	\$0.30	\$0.80	\$2.50
4-5 ft.....	.50	1.40	4.00

Mugho Pine Note photo above. Grows in a beautiful globe shape, without shearing or pruning. Its natural growth is in a perfect ball form, with dark green needles. Perfectly hardy. A most beautiful Evergreen.

Waukegan Juniper A spreading Juniper, never gets over 1½ ft. high, making a splendid ground cover, also very effective in the rockery. Steely blue color, very hardy.

Juniperus Stricta See picture above. A very pretty tree of low, compact growth that stands shearing well, and can be kept in most any shape. Its beauty is further increased by the lovely bluish cast of its foliage. Very good, and perfectly hardy.

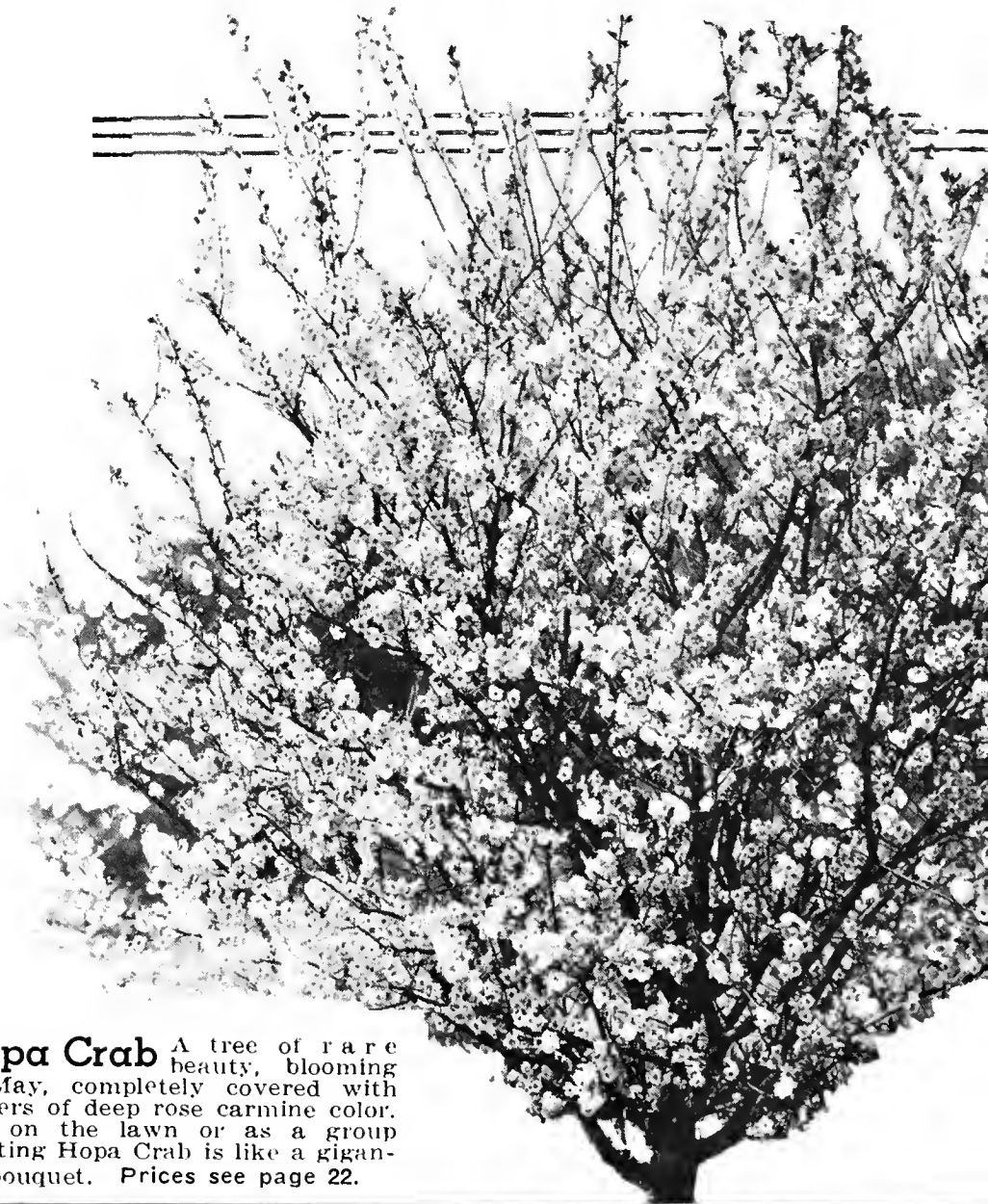
Juniperus Scopulorum

Grows very compact as the photo (above) indicates. A very symmetrical tree of outstanding beauty. I can furnish this tree in its regular bluish-green color, or in a selected silver color. My trees are beautifully shaped, very dense, and come with a complete root-ball. Easy to start.

Prices of Evergreen Seedlings:

	10	25	100
Red Cedar, 9-12 in.....	\$1.30	\$3.00	\$11.00
Austrian Pine, 6-9 in.....	1.20	2.50	8.60
Bull Pine, 6-9 in.....	1.20	2.50	8.60
Scotch Pine, 6-9 in.....	1.00	2.00	7.00
Colorado Blue Spruce, 6-9 in.....	1.30	3.00	11.00

Prices prepaid to your station.



Hopsa Crab A tree of rare beauty, blooming in May, completely covered with flowers of deep rose carmine color. Out on the lawn or as a group planting Hopsa Crab is like a gigantic bouquet. Prices see page 22.

Climbing ROSES

Hardy Field-Grown

2-Year No. 1 Roses:

38c each; 3 for 95c; 6 for \$1.80;
10 for \$2.85; all postpaid.

Climbing American Beauty

For years this rose has been the favorite for trellis work. It is a hardy rose, and its double flowers, red to crimson in color are very showy. They closely resemble the bush rose of the same name in shape, and are slightly fragrant.

Dr. W. Van Fleet

The buds and flowers are of a pale pink color, and come on long stems, making them particularly suitable for cut flowers. Its foliage is a shiny bronze-green, and the plant is perfectly hardy except in the extreme North where all Climbing Roses should be laid down over winter and covered with soil. By far the finest of the flesh-pink climbers.

Paul's Scarlet Climber

For a very showy scarlet rose you will find none better among climbing roses even at a much higher price. It is a most dependable bloomer, and having several blooming periods in normal growing seasons. The flowers are of perfect form, coming in attractive sets of several blossoms to each twig. Healthy and a good grower.

Silver Moon

Different from other Climbing Roses are the large buds of Silver Moon, creamy white blossoms, semi-double with golden anthers; buds and blossoms appearing in attractive sprays.

TWO EXTRA HARDY CLIMBING ROSES

Seven Sisters

For a good many years this rose has been the popular favorite, due to its special hardiness. Seven Sisters comes through the winter in good shape. The color of the blossoms varies from a rosy red to flesh pink, sometimes almost white; a pretty combination.

Crimson Rambler

A vigorous grower, often making vines 10 to 12 feet high in one growing season. Flowers of glowing crimson color produced in immense panicles, almost covering the entire vine. Does best on a trellis. Except in the extreme North the vines will come through the winter by just bending them over in late fall, and laying them on the ground.

Primrose

One of the finest yellow climbers you can get. It is a beautiful rose of canary yellow color. Same as most climbing roses, except the extra hardy type, this rose should have a cover over winter for best results. Just lay the vines down on the ground in late fall, and cover with leaves, straw or soil. I also recommend that Climbing Roses are grown on wood or wire trellis support, not directly up against a solid wall that would not permit a free circulation of air.

Blaze

U. S. Plant Patent No. 10. A nationally advertised rose, and as such the price is set by the patent holder. Blaze has the vigor, beauty and hardiness of Paul's Scarlet of which it seems to be a sport, and is also scarlet red. It is claimed to bloom a little more freely than Paul's Scarlet Climber, and the blossoms are perhaps slightly larger. 2-year No. 1 plants of Blaze, \$1.00 each; postpaid.

PICTURE BELOW: A number of different varieties and different colors of climbing roses planted along an arbor walk, woven wire being used for support of each vine. Small or large arbors, also porches are easily ornamented and covered with climbing vines. Roses are in special favor due to their valuable and showy blossoms. Near a porch or house foundation, plant at least 18 inches away from the foundation. Roses will respond readily to frequent watering. This should never be neglected during the summer.

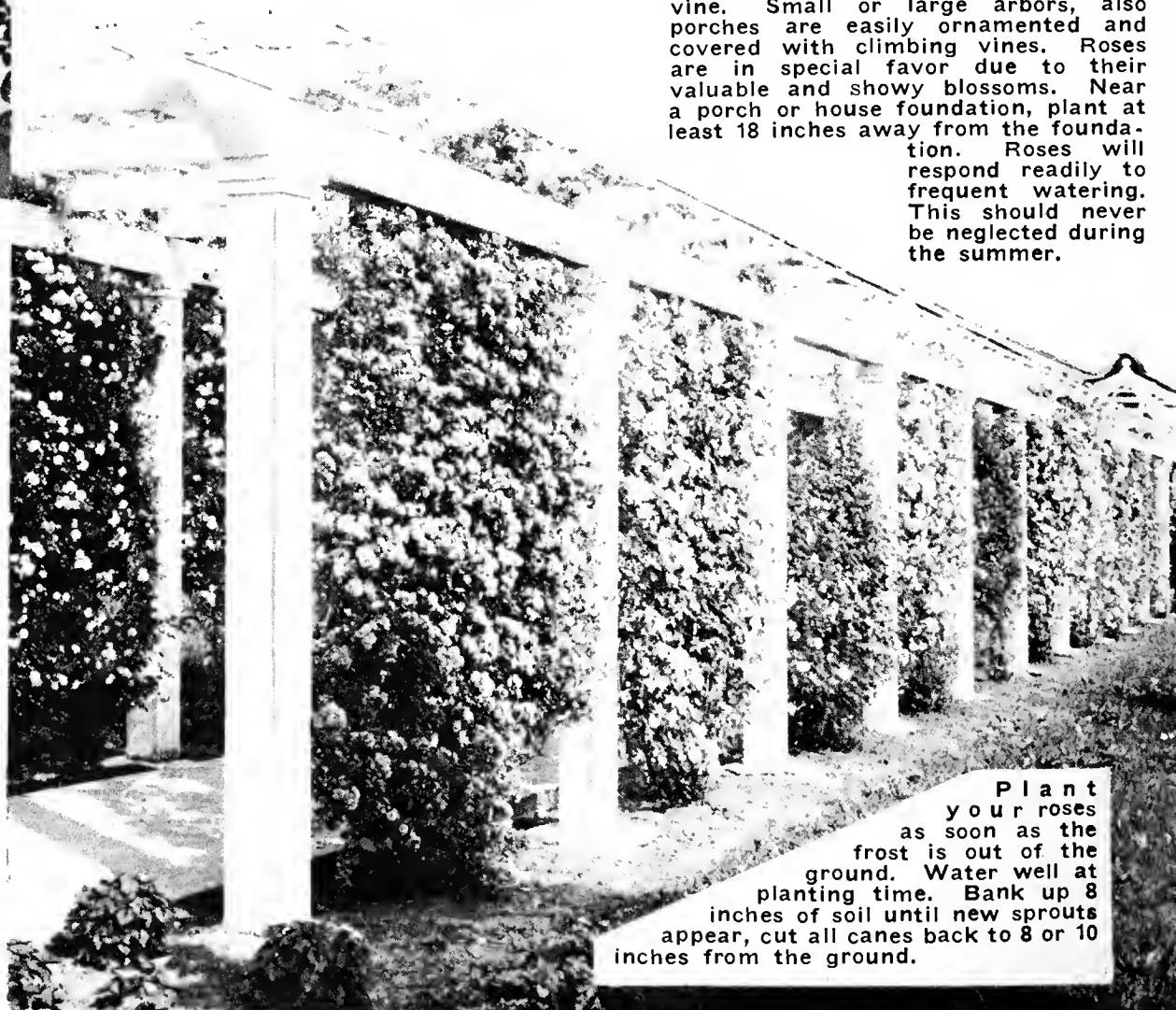
CLIMBING AMERICAN BEAUTY

Collection Hardy Climbing Roses

- 1 Paul's Scarlet
- 1 Dr. W. Van Fleet
- 1 Silver Moon
- 1 Seven Sisters

4 nice 2-year No. 1 Roses

for only **\$1.00**
POSTPAID



Plant your roses as soon as the frost is out of the ground. Water well at planting time. Bank up 8 inches of soil until new sprouts appear, cut all canes back to 8 or 10 inches from the ground.

Silver Lace Vine (*Polygonum Auberti.*) I know of no other vine that would grow as rapidly as the Silver Lace Vine, resist drought, cold and insects as well, and be so certain of blooming the first year. Wherever you need a good, hardy vine that covers trellis work good and fast you will greatly appreciate this vine. It blooms in late summer until heavy frost in the fall. Per plant, 40c; 2 for 75c; 4 for \$1.40; postpaid.

Ampelopsis Engelmani Clings firmly to stone or brick walls, old tree trunks, as for instance in the photo shown at right. Retains an excellent foliage throughout summer and fall, and is very dense. A very hardy climber, even for the North. 2-year-old plants, 25c each; 3 for 60c; postpaid.

Boston Ivy (*Ampelopsis Veitchii.*) A very fine wall cover, will cling to stone or brick walls. The foliage is small to medium in size, very dense, changing to a beautiful brilliant scarlet in the fall. It is a hardy vine but should not be planted on the sunny side of a building where it would green out too early. Nice 2-year-old strong vines, 35c each; 3 for 95c; postpaid.

Bittersweet (*Celastrus Scandens.*) A vine with nice foliage and bearing red berries in late summer which cling to the vine until late winter. Often used in winter bouquets. It is of fairly rapid growth, and is perfectly hardy. 2-year nice plants, 25c each; 3 for 65c; postpaid.

HONEYSUCKLE VINES

Japanese Honeysuckle Hall's Evergreen Honeysuckle. A very pretty vine with beautiful foliage, densely covering the vine, and with a wealth of creamy-white blossoms in midsummer, which are fragrant. In the South this vine is evergreen, with us here and north of here it will stay green until Christmas. Grows about 12 to 15 feet tall. Nice No. 1 plants, 25c each; 3 for 60c; 10 for \$1.80; postpaid.

Scarlet Trumpet Honeysuckle Foliage odd shaped but attractive and blossoms of trumpet form, scarlet red and fragrant. Very good for trellis and ground cover. It is very hardy, and does well most anywhere. Nice 2-year plants, 30c each; 3 for 75c; 10 for \$2.20; postpaid.

Kudzu Vine (*Pueraria Thunbergiana.*) The Japanese variety, known as the most rapid grower of all vines. Will cover a large space in one season, freezes back in the winter but makes a complete new growth within one summer. This is the large leaved type for dense shade. Blossoms are rosy purple. 2-year-old plants, 30c each; 3 for 75c; postpaid.

Madeira Vine Grows from a tuber which is wintered same as potatoes—in the cellar. Make rapid growing vines with shining green leaves and white blossoms which are fragrant. A very clean grower, and can also be used for ground cover. 5 tubers, 35c; 12 for 70c; postpaid.

CLEMATIS

Clematis Paniculata Small flowering. A very hardy Clematis of rapid growth, very suitable for trellis and arbor cover. Note arbor pictured at the right which is covered with this Clematis. Pure white blossoms, and a good clean foliage. 30c each; 3 for 80c; postpaid.

Clematis Coccinea Small flowering. This is the well known bell flowered Clematis, blooming in small red blossoms from June throughout the summer. It is a good, healthy climber, and blooms freely, quite hardy. Nice plants, 40c each; 3 for \$1.00; postpaid.

LARGE FLOWERING CLEMATIS

After planting them give them a mulch of Peat Moss or wood shavings in order to keep the soil cool.

Clematis Jackmani The Blue Clematis that is so well known. The color is really a dark purplish blue, and the blossoms in large star shape appear in large numbers, very showy. Nice plants, 65c each; 3 for \$1.65; postpaid.

Clematis Mad. Ed. Andree The best red of the large flowering type; grows and blooms just as well as the Jackmani, in a combination planting with Jackmani and the white flowering Henryi, crossing the branches of all three you get a wonderful picture of the "Red, White and Blue" on your trellis. Nice plants, 65c each; 3 for \$1.65; postpaid.

Clematis Henryi A most beautiful Clematis of the large flowering type with pure white blossoms. Very good. 65c each; 3 for \$1.65; postpaid.

Depending on the distance I ship the large flowering Clematis either as potted plants (with root-balls) or regular two-year field grown plants. The latter are planted by spreading the roots out evenly, and deep enough to cover the crown buds 1/2 to 1 inch.

Climbing VINES

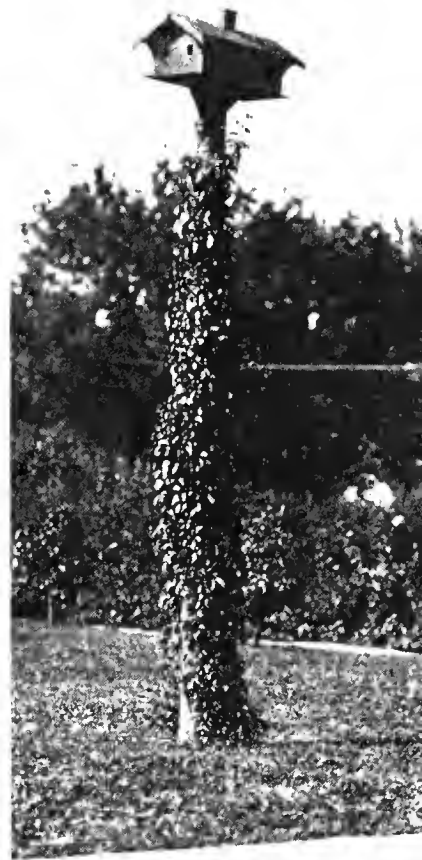
Trumpet Vine (*Bignonia Radicans.*) An old fashioned vine, with large, orange-scarlet trumpet shaped flowers nearly all summer. It is a woody vine, hardy, can also be used for covering walls or stumps. Nice 2-year-old vines, 30c each; 3 for 80c; postpaid.

Virginia Creeper Woodbine. This is a native American vine, strong and hardy, a rapid grower with dark green foliage that changes to a showy scarlet in the fall. 2-year-old No. 1 plants, 20c each; 3 for 50c; 10 for \$1.40; postpaid.

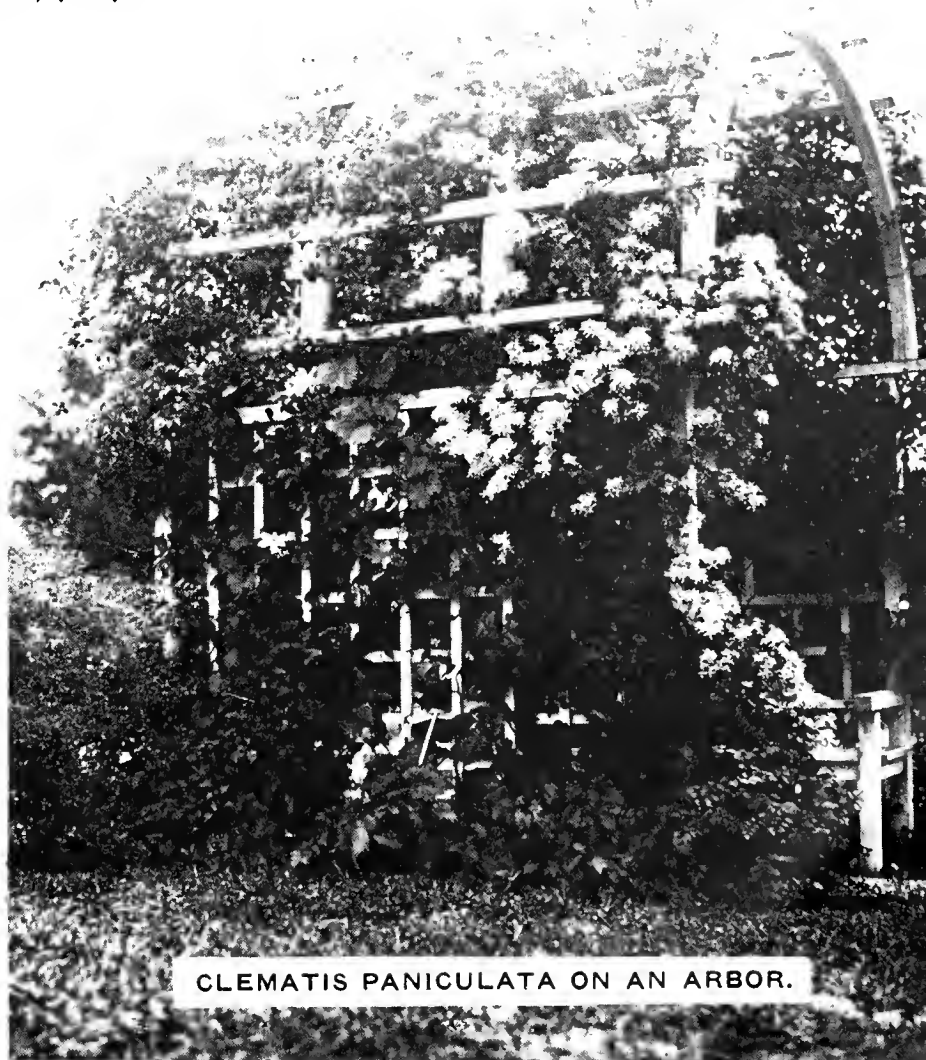
Chinese Wistaria This vine produces flowers of great beauty. They come in large grape-shaped clusters of purplish-blue, and are highly fragrant. The vine is stout and woody, branches out well over the top of an arbor. Normally these plants begin to bloom after three years. To assure blooming plants I graft my Wistarias with wood from blooming vines, and these will bloom after reaching the proper age. 2-year-old nice plants, 30c each; 3 for 75c; postpaid.

Perennial Sweet Pea *Lathyrus.* For a ground cover, or for trellis of fence height you will find this plant one of the most freely blooming. Throughout the entire summer and fall this plant bears large numbers of pretty flowers, just like Sweet Peas, showy on the plant as well as in bouquets. Grows dense. They bloom in all shades of red and pink. Let this pretty vine cover your wire and lattice fences. 3 for 50c; 10 for \$1.50; postpaid.

Trailing Periwinkle *Vinca Minor* or *Creeping Myrtle.* A hardy evergreen plant that makes a pretty ground cover about 6 inches high, by making a dense network of rooting runners. It does well most anywhere, even where other ground cover plants and grasses fail. 3 plants for 40c; 12 for \$1.20; 25 for \$2.20; postpaid.



Ampelopsis Engelmani covering an old tree trunk that is being used for a bird house stand.



CLEMATIS PANICULATA ON AN ARBOR.



Flowering SHRUBS

There is no other improvement you can make on your home and its surroundings that would give such striking results so quickly and so economically as by planting shrubs, trees and plants. Plant good, hardy stock, and this is what I am offering you. For Sonderegger's stock is upland Nebraska grown, subjected to severe winters, and extremely hot and dry summers. Sonderegger stock is known by its greater hardiness.

Althea, Rose of Sharon

5 outstanding varieties

Althea Anemoneflora Very large blossoms, semi-double, red with very deep red base.

Althea Ardens Large double, violet colored flowers.

Althea Jeanne d'Arc Pure white double flowers.

Althea Banner Double blush white, with pretty crimson eye.

Althea Lucy Finest red, very double flowers.

Prepaid Prices:

All 5 Varieties Altheas.

	1	3	10
12-18 inch plants.....	.60	1.60	
2-3 ft. nice shrubs..	\$0.40	1.10	3.30
Guaranteed true to label.			

Altheas are all of upright growth, reaching a height of 6 to 7 feet, with a rich foliage, and coming to full bloom in late summer and fall. I am listing the best 5 varieties known to me, and the hardiest. Altheas do well in the Eastern states. In the Midwest they should have a cover over winter, leaves or straw 2 feet deep, and the shrubs can be cut back to 2 feet height in the spring. Will make a bushy growth with this care, and bloom the same year.

Rose Acacia—Moss Acacia (Robina Hispida)

Grows to a height of 6 to 8 ft. with light green pinate leaves, blooms beautifully in June, flowers pea shaped, come in long clusters of showy rose color. Hardy as far north as southern half of Nebraska, Iowa and anywhere in the East.

2-3 ft. very nice shrubs, 55c each; 3 for \$1.50; prepaid.

ALTHEA—BRANCH
OF JEANNE D'ARC

Barberries, Rust-free---Hardy

Barberry Thunbergi (Japanese Barberry.) Grows to a height of 2 to 3 feet, densely branched and with a clean, healthy foliage, shining dark green throughout the summer, changing to a high tone of scarlet in the fall. Berries showy crimson, remaining on the bush through the winter are adding to the splendid appearance of this shrub. Stands shearing well, and is often grown for globe and box shapes, also for hedges. Has small thorns along the branches. For a neat border shrub this is one of the best.

Prepaid:	1	3	10	25	100
12-18 inch, nice hedging size.....	...	...	\$0.60	1.30	4.25
18-24 inch, nice shrubs.....	\$0.30	.80	2.40	5.00	...
2-2½ ft., extra bushy.....	.45	1.15	3.30	...	...

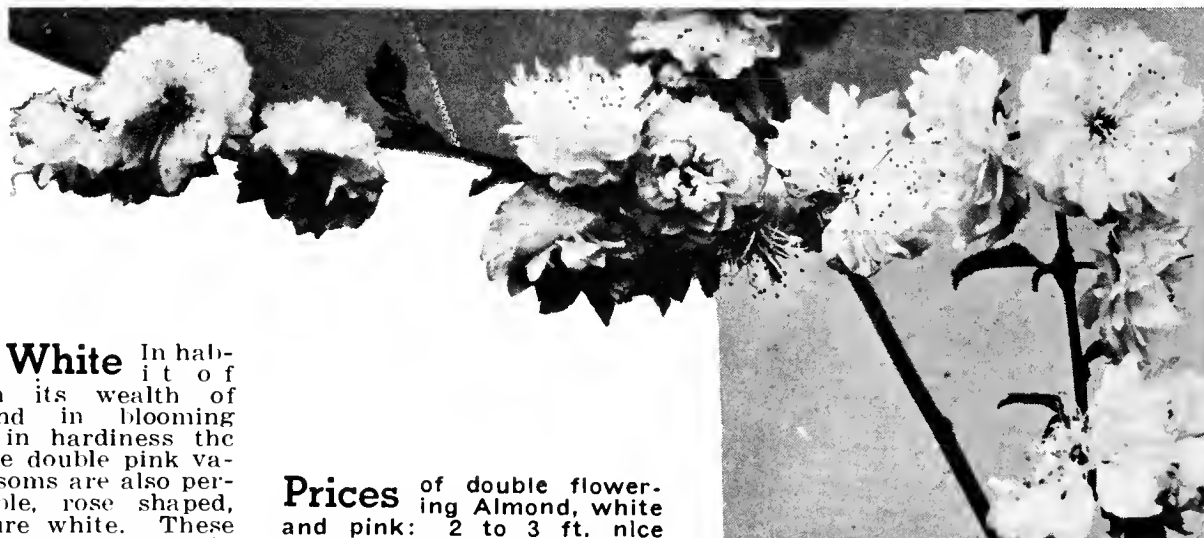
Red Leaf Barberry (Atropurpurea) Of the same type and strain as the Japanese Barberry, also growing to a height of 2 to 3 ft. However, the foliage of this barberry is of a bronzy-red color throughout the entire summer, coloring up to a fiery red in the fall. In a sunny or partly sunny place the color develops best, in full shade it remains almost green. Can also be sheared to forms, in landscape work it is used very generally for color effect. My shrubs are selected for extra good color.

Prepaid:	1	3	10	25
12-15 inch, hedging size.....	...	...	1.25	2.50
15-18 inch, bushy plants, selected red.....	\$0.45	1.20	3.75	...
18-24 inch, heavy selected bushy shrubs....	.65	1.85	5.50	...

Rose Tree of China Double Flowering Almond

Double Pink (Prunus Amygdalus). Will form a well shaped bush 4 to 5 ft. high, with erect main canes and bushy branches. In April when the double rose-shaped blossoms cover the slender branches of the bush it is truly a gorgeous sight. Hardy as far north as southern half of Nebraska and Iowa. For the North I recommend Prunus Triloba in place of this almond.

Double White In habit of growth, in its wealth of flowers and in blooming time, also in hardiness the same as the double pink variety. Blossoms are also perfectly double, rose shaped, and are pure white. These beautiful shrubs should be in every shrub planting.



Prices of double flowering Almond, white and pink: 2 to 3 ft. nice shrubs, 50c each; 3 for \$1.40; prepaid.

A Twig of the Flowering Almond

PLANTING INSTRUCTIONS

For shrubs the preparation of the holes, the soil, and the handling of the shipment upon arrival is the same as described under fruit trees beginning with page 4 of this book. Cut the ends of the roots smooth just before planting, use good top soil (without adding fertilizer) to fill in around the roots, and water heavily to settle the soil.

healthy
hardy

FIELD- GROWN

Prices on all flowering shrubs include cost of postage or express charge. In order to encourage planting of flowering shrubs even where funds for planting material are limited, I am also listing, wherever possible, a 12 to 18 inch grade of shrubs, nice well rooted and healthy plants that are easy to start. The 2 to 3 ft. grade is the full blooming size.

Butterfly Bush, Ile de France

The improved everblooming type, beginning to bloom in July, and continues all through summer and fall. The giant spikes of claret purple color borne in great abundance are highly decorative in the garden or in bouquets. Grows about 4 ft. tall, the root is perfectly hardy, and makes a new bush every year. Strong blooming size roots, 35c each; 3 for 90c; prepaid.

Desmodium, Sweet Pea Shrub A most magnificent shrub, covered with purplish pink flowers. Blooms abundantly from middle of September until frost. The height of the shrub is 3-4 ft., makes a new bush every year from the root which is hardy. Strong blooming size roots, 45c each; 2 for 80c; prepaid.

All
Shrubs
Priced
Prepaid

Golden Bell---Forsythia

Forsythia Fortuni 6 ft. tall. One of the finest early spring flowers, the brilliant golden yellow blossoms appearing before the leaves develop, and literally covering the branches. Very showy, foliage dark green, grows erect, and the shrub is hardy everywhere. 12 to 18-inch plants, 25c each; 3 for 65c. 2 to 3-ft. well branched shrubs, 35c each; 3 for 95c; prepaid.

Weeping Forsythia (Suspensa.) 5 ft. tall. In freedom of bloom, time of blooming, and in the pretty shape and color of the flowers much like the above variety, differing only in the habit of growth. The Weeping Forsythia arches over very gracefully, very attractive. 12 to 18-inch plants, 30c each; 3 for 80c. 2 to 3-ft. nice shrubs, 50c each; 3 for \$1.35; prepaid.

Golden Elder (Sambucus Canadensis aurea.) Makes a large shrub 8 to 10 ft tall, and branching out well to a pyramidal shape. The large leaves, all or partly golden yellow contrast well in groups of tall shrub plantings. The leaves color up to best advantage in full sun. Blooms in July, large white blossom clusters, followed by black berries which attract birds. Perfectly hardy. 2-3 ft. selected shrubs, 45c each; 3 for \$1.25; prepaid.

Choke Cherry (Prunus Denissa.) Grows to a large size, and can be grown in bush or tree form. Blooms early in the spring in dense racemes of white flowers, a beautiful sight when in full bloom. The cherry that appears later in the season is purple black, sometimes used for canning. Hardy everywhere. 2 to 3 ft. nice shrubs, 35c each; 3 for 90c; prepaid.



Artemesia, Silver King This is a hardy perennial growing to a dense bush form about 2 ft. high, and can be kept lower by shearing. The silvery white twigs and foliage, compact growth, and extreme hardiness place this plant amongst the most attractive for color effect. Can also be planted in hedge style 12 inches apart in the row. Reaches full size in one season. 25c each; 3 for 50c; 10 for \$1.50; prepaid.

Beauty Bush (Kolkwiza amabilis.) Grows to a height of 4 to 5 ft. Its blooming time is from May to June, during that time the pink trumpet-shaped flowers with orange veins in the throat clustered densely along the arching branches are a splendid display of color, shape and graceful setting. This shrub should be planted more freely. It is hardy except in the North where it should have a mulch of straw or leaves through the winter. Nice 18 to 24-inch shrubs, 50c each; prepaid.

Caragana, Siberian Pea Tree Wherever your planting plans call for a tall, very erect growing shrub with a pretty, clean foliage the Caragana will please you. Extremely hardy, this shrub grows to a height of 8 to 10 ft. and can be sheared for height. Its foliage is of a feathery appearance, attractive, an abundance of golden yellow pea-shaped blossoms appear in May. It is also popular for tall hedges and screens, for this purpose plant from 12 to 18 inches apart in the row. Branches slightly thorny add protection to good appearance. For small plants, hedging and windbreak sizes see page 18. Nice 2 to 3 ft. shrubs, 30c each; 3 to 4 ft. size extra heavy, 50c each; prepaid.

Smoke Tree—Fringe Tree, Purple Rhus Cotinus. Grows 10 to 12 ft. tall. The blossoms of this bush look like puffs of smoke, and they are formed of large, loose panicles bearing extremely small purple flowers. The entire blossom becomes profusely plumose, attaining their attractive smoky appearance. Blooms through the entire summer. Entirely hardy, a strong grower, branching out nicely to a large vase shape. This most interesting shrub, with a clean, shiny foliage makes a beautiful showing as a single specimen on a lawn or in groups of tall shrubs. 2 to 3 ft. selected shrubs, 80c each, prepaid.

Cornus---Dogwood

The following three varieties are the best of the ornamental type of this large family of shrubs. They are of particular value for the lively coloring of their wood which shows up especially through the winter.

Cornus Aurea The Gold Bark Dogwood. Grows 8 to 10 ft. tall, leaves broadly margined yellow. Branches out well with bark and twigs of a golden yellow color, very showy in the winter. Perfectly hardy. 18-24 inch nice shrubs, 35c each; 3 for 95c. 2 to 3 ft. extra strong shrubs, 50c each; 3 for \$1.40; prepaid.

Cornus Florida White flowering Dogwood. Grows up to 15 feet tall. The large white flowering variety, hardy as far north as the southeast of Nebraska, and from here south and east. Excellent for its beautiful flowers and red bark. 18 to 24-inch nice shrubs, 65c each, prepaid.

Cornus Siberica The Coral Dogwood. 8 to 10 ft. tall, blooms in early summer, clusters of white blossoms. Bark and twigs a shiny red throughout the winter. One of the best for group planting, and it is perfectly hardy.

Prepaid:	1	3	10
12-18 inch plants.....	\$0.60	\$1.80	
18-24 inch shrubs.....	\$0.30	.75	2.30
2-3 ft. nice shrubs.....	.40	1.00	...

Buffalo Berry Shepherdia. A native shrub from the North, growing to a nice shape, about 5 to 6 ft. tall, and bearing large numbers of red berries, attracting birds and also used for canning and medical purposes. 30c each; 3 for 75c; prepaid.

For Izaak Walton Club Members

Ornamental shrubs bearing berries for bird preservation:

All Cornus	Barberry
Honeysuckles	Sumac
Elderberry (p. 64)	Choke Cherry
Golden Elder	Russian Mulberry
Waxberry	Buffalo Berry
Snowberry	

Watering for the First Summer

Through very dry periods the first year I recommend an occasional watering of shrubs. Take away some soil around each bush, this forms a shallow basin which should be filled up with water two or three times. When all water is soaked down replace the dry soil which acts as a mulch to preserve the moisture. This method of watering keeps a shrub or young tree in best growing shape for two to three weeks, and is far superior to just surface watering of the soil.

Order Early—We Ship at the Right Planting Time.



Photo at left: Hydrangea paniculata Grandiflora blooms over a long period through summer and fall. In this picture is shown a tall shrub planting with a border foreground of Hydrangea P. G. Hydrangeas are at their best in shade or part shade. They combine beautifully with Spirea Anthony Waterer (see page 31) which blooms at the same season of the year, and being somewhat shorter in growth this red-flowering Spirea as a foreground edge of a Hydrangea group touches the setting up to perfection. Watering of Hydrangeas through dry seasons should never be neglected.

Hardy Bush---Hydrangeas

Hydrangea paniculata

Grandiflora, commonly called P. G. Hydrangea. Grows 4 to 5 ft. tall, and produces a wealth of immense heart-shaped flowers. When the blossoms first open in August they are white, turning to a pink and bronze color later, and remain on the bush throughout the late summer in that color. Very hardy, and a sure bloomer.

Both varieties, prepaid:	1	3	10
12-18 inch nice plants.....	\$0.30	.80	2.30
2-3 ft. selected choice shrubs,			
blooming size .....	.50	1.35	4.20

Hydrangea, American Everblooming

Also known as Snowball Hydrangea, Hills of Snow, and H. arborescens. Grows to a height of 5 ft. Flowers of dazzling white begin to appear in June, and under normal conditions this Hydrangea will bloom repeatedly during the summer and early fall. Hardy, responds extra well to frequent watering through dry seasons.

Tree Hydrangea The large flowering Hydrangea paniculata Grandiflora grown to a tree form, with a stem 2 to 3 ft. tall, and an even crown, this is a highly attractive little tree. On the lawn or any special place where you desire a most extraordinary specimen, plant this tree. 3 to 4 ft. size, nice trees, \$1.25 each, by express.

Hypericum Golden St. Johnswort. 2½ to 4 ft. tall, a hardy shrub, does well in sun or shade. Blooms from July through August, very attractive blossoms of golden yellow, which together with the pretty foliage of the shrub show up beautifully. 18 to 24 inch shrubs, 50c each; 3 for \$1.35; prepaid.

Highbush Cranberry (Viburnum Opulus.) Grows 8 to 10 ft. tall, a magnificent shrub of upright growth and spreading top. Blooms in May, large flat clusters of single white blossoms, followed later by ornamental berries (not edible). A very hardy shrub, used quite frequently in the tall groups of shrubs in parks. 12 to 18 inch nice plants, 35c each; 3 for 95c. 2 to 3 ft. strong shrubs, 60c each; 3 for \$1.60; prepaid.

Hardy Holly Winterberry. The hardiest of the Ilex family, and successful in the Middle West and East. Showy red berries, for winter decoration. Shrub grows slow, eventually reaching a height of 8 to 10 ft. 12 to 18 inch plants, 50c each, prepaid.

Bush Honeysuckle, Lonicera Of upright, dense growth, often used for background and screen planting. Attractive foliage, and a pretty arrangement of delicately shaped flowers which appear in April and May. Of this valuable family of shrubs I am offering you the best and hardiest in each color.

Honeysuckle Grandiflora Rosea 10 to 12 ft. tall, perfectly hardy, does well most anywhere, a profuse bloomer, blossoms bright pink, followed by showy red berries.

Pink Tartarian Honeysuckle 8 to 10 ft. tall, very dense grower, stands shearing well, and is perfectly hardy. Blossoms in May and June, showy pink.

Red Tartarian Honeysuckle 8 to 10 ft. tall, of the dense growing Tartarian type, with very dark red blossoms, in fact the best red Honeysuckle. Hardy.

Morrowi Honeysuckle 4 to 6 ft. tall, this is the Japanese variety with the lower and more spreading growth. Blossoms pure white in May and June, rich crimson berries later in the season. In strong demand for landscape work for dense growth, and good foliage. Easy to grow, and perfectly hardy.

Prices of all Honeysuckles, prepaid:	1	3	10
12 to 18-inch nice plants.....	\$0.25	.65	2.00
2 to 3 ft. selected shrubs.....	.45	1.25	3.75



A branch of the bush Honeysuckle. Between the clean, healthy leaves appears an arrangement of delicate flowers turning every twig into a separate bouquet. Later followed by red or crimson berries, quite showy, and almost as attractive as the flowers in the spring. There are also Climbing Honeysuckles which make most valuable trellis covers. Please note page 25.

Extra Choice Lilacs Hardy Healthy

The finest of all fragrant flowers of early spring. Vigorous growth, a clean, healthy foliage plus an unlimited blooming ability are yours in Sonderegger's better Lilacs.

Old Time Lilac, Purple (Syringa Vulgaris.) Grows to a beautiful shrub, dense, well shaped, height 10 to 12 ft. with shiny, leathery leaves, and a most beautiful blooming season. Highly fragrant flowers, true lilac purple. Used for single shrubs, in groups, and for hedges, screens and even windbreaks.

WHITE. This is the old time Lilac with the pure white flowers, in all other respects the same as the purple strain.

Prices of Old Time Lilacs, Prepaid:	1	3	10	25
12-18 inch	\$0.20	.50	1.40	2.50
18-24 inch .....	.25	.65	1.80	3.75
2-3 feet .....	.35	.90	2.80	5.85
3-4 feet .....	.50	1.35	4.00	...

Persian Lilac Syringa Rothomagensis. Sometimes called Chinese and Rouen Lilac. Grows to a height of 10 to 12 ft. and blooms in April and May. Blossoms purple, blooms well, and the special advantage of this lilac is that it does not make sprouts away from the bush. Therefore, it is preferred for hedges around gardens and lawns where the occasional sprouts of the Old Time Lilac are sometimes objectionable. Stands shearing well.

Persian Lilac, Prepaid:	1	3	10	25
12-18 inch	\$0.25	.60	1.80	4.00
18-24 inch .....	.30	.75	2.30	5.00
2-3 feet .....	.40	1.00	3.00	6.00

French (Budded) Lilacs

12 to 18 inch nice shrubs, 45c each; 3 for \$1.15; prepaid.

Abel Carrier. Double, light lavender.

Charles X. Deep reddish purple.

Hugo Koster. Single, purple-red.

Marie Le Gray. Single, finest pure white.

Marc Michael. Double, blue.

Othello. Large flowers, single purple with red.

Philemon. Double, pretty deep violet.

President Grevy. Double, light blue.

Madame Lemoine. Double white.



Mock Orange Dianthaflora Note photo above. One of the prettiest and most freely blooming of the Philadelphus family; 6 ft. tall it spreads out to a pretty bush shape, and blooms profusely in May. Blossoms are of medium size, highly fragrant, and milky-white in color. Perfectly hardy and drought resistant, it is also used sometimes for informal hedges without shearing.

Prepaid:	1	3	10	25
12-18 inch	\$0.20	.50	1.50	3.00
2-3 feet .....	.35	.95	2.90	6.00

Mock Orange Lemoine Grows 4 to 5 ft. tall. This is one of the older types, it has always been hardy, and a remarkably free bloomer. Blossoms of medium size, sometimes semi-double and very fragrant, appearing in May and June. Does well anywhere.

Prepaid:	1	3	10
12-18 inch	\$0.25	.60	1.80
18-24 inch .....	.35	.90	2.50

Mock Orange Virginalis Reaches a height of 5 to 6 ft., and its first flowers appearing in May range from semi-double to double. In normal years this shrub blooms again in late summer, at that time the blossoms are single. Of compact but erect growth, very valuable. Blossoms are white, in clusters, and are fragrant. 18 to 24-inch nice shrubs, 45c each; 3 for \$1.20; prepaid.



Blossoms of the Old Time Lilac, a shrub of great beauty throughout the year, but particularly through its blooming season, end of April and through May. For fragrance these flowers rank with the best.

Pruning of Flowering Shrubs When old bushes are to be cut down to make a new young growth, pruning should be done early in the spring before the shrubs get green. The new growth coming from the root crown is very vigorous, and grows to a pretty shape within one or two seasons. All other pruning which is to shape up the top growth should take place during the growing season, just as soon as the shrubs are through blooming. This summer pruning or shearing applies just to the branches, not to the old main canes. After pruning (in dry seasons) a heavy watering of the shrubs should follow to keep up the vitality of the shrubs.

Kerria, Globe Flower The double yellow Japanese type. Blooms from June to September, and grows to a height of 4 to 5 ft. Not hardy north of here, unless protected over winter. A very choice shrub. 18 to 24 inch shrubs, 65c each, prepaid.



Japanese Quince FIREBUSH

Cydonia Japonica. Very early in the spring before the leaves appear this shrub produces a wealth of flowers. Deep flame-red cup shaped flowers all along the wood of this shrub are a beautiful sight. Blooming time April and May, later followed by small yellow fruit. The latter is of no market value. This shrub grows to a height of 4 to 5 ft., spreads out nicely to form a good bush. It is perfectly hardy, and does well in the sun.

Prepaid:	1	3	10
12-18 inch ...	\$0.20	.50	1.40
18-24 inch ...	.25	.65	1.90
2-3 feet .....	.35	.90	2.75
3-4 feet .....	.50	1.35	4.00



Weigela---(Diervilla)

Rosea—note photo above

This Weigela grows to a height of 5 feet, its branches gracefully arching spread out to a round bush form. The rose-pink blossoms and foliage on each branch are arranged by nature to have the appearance of a finished bouquet. Blooming season in June, and under normal conditions repeated later in the summer. A shady place or part shade is best, there the blooming periods will be considerably longer.

Prepaid:	1	3	10
12-18 inch	\$.022	.55	1.50
2-3 ft.	.45	1.15	3.20

Eva Rathke Weigela

This shrub should be in every garden, a shady spot will produce wonders with this shrub; 3 to 4 ft. tall it arches out beautifully. Blooms through the greater part of the summer, in splendid sprays of most showy crimson flowers. Slim, trumpet shaped, in their brilliant color, and arranged between the dark green foliage so gracefully as to make finished bouquets of the branches.

Prepaid:	1	3	10
12-18 inch	\$.035	.50	2.75
2-3 ft.	.45	1.15	3.20



Old Fashioned Snowball

Note above picture. A tall growing shrub, reaching a height of 10 to 12 ft. This is the old fashioned variety, producing large very compact blossoms, pure white, in freedom of blooming as well as in size and perfect form of the flowers this variety has never been surpassed by any of the later introductions. Blooms in May. I recommend this shrub for partly shaded places, and it should receive plenty of water for best results. Upright in its habit of growth, healthy, and perfectly hardy.

Prepaid:	1	3	10
12-18 inch	\$.040	1.10	3.30
2-3 ft.	.65	1.75	5.50

Fern-Leaf Sumac

STAGHORN

Rhus Typhina. An elegant shrub with a most beautiful foliage, growing to a height of 8 feet. The fern-like leaves are attractively arranged on long, slender branches, light green through the summer. In the fall the leaves turn pink and red, a wonderful sight throughout the fall weeks. Perfectly hardy anywhere, it is by far the most attractive foliage shrub, of easiest culture, requiring very little care. 2 to 3 ft., well rooted, usually single stemmed, a well branched top develops within one growing season. 50c each; 3 for \$1.30; prepaid.

Red Waxberry, Coralberry

Symphoricarpus vulgaris. Grows 3 to 5 ft. tall. It is a native shrub of Nebraska, sometimes called "Indianberry." I recommend this shrub especially on account of its superior hardiness, healthy growth, resistance to drought, and because it can be grown most anywhere without special care. It will hold the soil on steep land, will make a nice showing as an informal hedge. Blooms bright pink in July, the berries however, which cling to the bush all through late fall and winter, are the more important ornament of the shrub. They are coral red and come in such numbers as to create a showy picture.

Prepaid:	1	3	10	25
12-18 inch	\$.020	.45	1.30	2.90
18-24 inch	.25	.65	1.80	4.00
2-3 ft.	.30	.80	2.25	5.00
3-4 ft.	.40	1.00	3.00	...

Snowberry, White Waxberry

Symphoricarpus racemosus. Perfectly hardy everywhere, and does well in most any location. Grows to a height of 3 to 5 feet in a nice bush form without special care, prefers a shaded place. The special ornamental values of this shrub consist of an attractive green foliage, the pink blossoms in June and July, and the clusters of large white berries which stay on the shrub all through fall and the greater part of the winter.

Prepaid:	1	3	10	25
12-18 inch	\$.020	.45	1.30	2.90
2-3 ft.	.30	.80	2.25	5.00
3-4 ft.	.40	1.00	3.00	...

Tamarix Odessa

Grows to a height of 12 to 15 feet, and can also be grown in form of a tree to a height of 25 ft. Odessa is extra hardy, its slender branches covered with minute, alternate scale-like buds of bluish green. During the blooming period the shrub is taking on a delicate pink color as the small pink blossoms cover every twig and branch. Each branch becomes an individual spray of pink color. This blooming period is in June, lasting for several weeks, gradually changing back to the bluish green lacy appearance. For a lower and extra dense bush growth the shrub can be cut back to within a foot from the ground every two or three years. The result will be an extremely dense growth that does not exceed 5 to 6 feet in height.

Prepaid, Tamarix Odessa and Hispid:	1	3	10-
12-18 inch, nice plants	\$.025	.65	1.80
18-24 inch, nice shrubs	.30	.80	2.25
2-3 ft. strong bushes	.35	.95	3.00
3-4 ft. selected heavy shrubs	.45	1.20	3.50

Tamarix Hispid

Particularly adapted for shearing to a lower bush form. Without shearing it will grow as tall as the Odessa, but if sheared every few years it forms an extra nice dense growth from the ground up. In normal seasons this shrub blooms beginning in June through the greater part of the summer. It is hardy anywhere in the Middle West and the Eastern states, and requires little care in watering or special cultivation. The Tamarix varieties are not affected by saline or alkaline soil, they thrive very well in the very spray of salt water at sea-side plantings. The color of the blossom of the Hispid variety is more of a carmine, or deeper pink, than that of the Odessa. Plant Tamarix somewhere in your garden: you will love it.

Pink Fragrant Snowball

Viburnum Carlesi. Makes a well shaped bush, not quite as tall as the Old Fashioned Snowball. However, it branches out nicely. Foliage gray-green, when the blossom buds first appear they are of a showy rosy pink color, standing in small clusters. As they open the color becomes a cream with pink shading, turning to almost cream-white as the blooming season ends. It is pleasantly scented, resembling the fragrance of the Gardenia. Should have a partly shaded place and plenty of water in dry weather. This shrub in your garden will be something extraordinary probably in your entire community. Being hardy throughout the Middle West and East it can be planted anywhere. For the extreme North I would recommend a cover for the winter. 12-inch nice plants, guaranteed true to name, 80c each, prepaid.

All Shrubs
Postpaid

Spirea Billardi

Flowers in the shrub planting would be very scarce in mid-summer, particularly in August if we did not have the Spirea Billardi which blooms profusely at that time. I can supply guaranteed, true-to-color, the white and pink varieties.

White Billardi Grows to a height of about 5 feet, canes erect, arching over very nicely on top to an even, well balanced bush form. The large fluffy blossom spikes appear through the greater part of the summer, with a full blooming period in August. A clean, healthy grower which is hardy anywhere, and of simplest culture.

Pink Billardi For informal hedges, and wherever you need a medium sized flowering shrub you will find the Billardi Spirea satisfactory. Dense flower spikes of warm pink color, appearing in great abundance from middle of July all through August, this shrub will be a valuable addition to your planting. Very hardy, requires practically no care.

Pink and White Billardi, Prepaid:	1	3	10	25
12-18 inch nice plants.....		\$0.50	1.40	2.90
18-24 inch nice shrubs.....	\$0.25	.60	1.70	3.60
2-3 ft. bushy, selected shrubs.....	.35	.80	2.25	4.75
3-4 ft. extra heavy.....	.50	1.20	3.50	...

Dwarf Spireas

Spirea Anthony Waterer

Grows to a height of 2 to 3 feet, upright in growth, and in bloom almost throughout the entire summer with showy crimson flowers, arranged in flat umbels. It is practically ever-blooming, and hardy most anywhere except in the extreme North where it should have a mulch of straw or leaves over winter. Prefers a shady or partly shaded place.

Prepaid:	1	3	10
9-12 inch	\$0.20	.50	1.50
12-18 inch shrubs .....	.30	.75	2.20
18-24 inch heavy.....	.50	1.35	...

Spirea Thunbergi The Japanese Spirea, reaches a height of slightly over 3 ft. Stands shearing well, and is recommended for low ornamental hedges. Of outstanding beauty is the foliage of this Spirea, narrow, willow-shaped and very light green; the dense branch system which gives the shrub a massive appearance. Blooms white in early summer. Hardy as far north as Nebraska, the Great Lakes region, and the East.

Prepaid:	1	3	10
12-18 inch	\$0.20	.50	1.50
18-24 inch .....	.30	.75	2.20
2-3 ft. ....	.40	1.00	3.00

SPIREA BILLARDI

Spirea Salicifolia The willow-leaved Spirea. A very pretty shrub which should be planted more generally. Its willow-shaped foliage in itself is very attractive, and in July when the pink blossoms appear in well arranged panicles it is one of the prettiest flowers of the month. Grows fairly erect to a height of about 5 feet. Hardy, will do well in any location.

Prepaid:	1	3	10
12-18 inch nice plants.....\$	...	.45	1.30
2-3 ft. bushy shrubs.....	.35	.90	2.70
3-4 ft. selected heavy.....	.50	1.30	3.90

Spirea Arguta Multiflora

Snow Garland The earliest of the Spirea to bloom, usually about two weeks before the Common Bridal Wreath. Flowers snow-white, covering the entire shrub from top to ground level, with every branch a snowy mass of blossoms. The nice feathery foliage of the shrub remains decorative throughout the summer. The shrub grows about 4 ft. tall, spreading very evenly

Prepaid	1	3	10
12-18 inch nice plants.....\$	...	.50	1.50
18-24 inch shrubs.....	.28	.70	2.00
2-3 ft. bushy shrubs.....	.35	.95	2.90
3-4 ft. heavy selected.....	.50	1.35	4.00

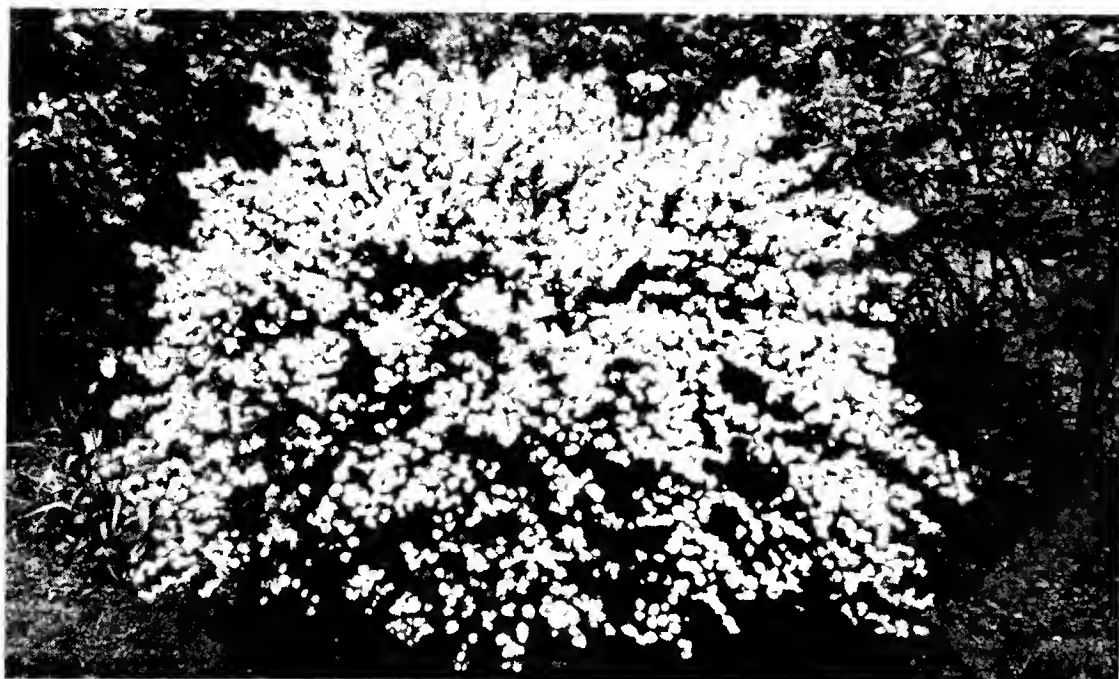
Prompt and Safe Delivery

Unless you specify a shipping date in your order I furnish trees, shrubs and plants so as to arrive at the proper time for planting in your locality. All plants, shrubs and trees are expertly packed to stand shipping and to arrive in first class condition. Any article that reaches you damaged will be replaced promptly. Please notify me without delay.

Spirea Van Houttei---Bridal Wreath

There is no other shrub which enjoys so much popular favor as the Bridal Wreath, its height of 5 to 6 ft. that can be kept by shearing fits in just perfectly on most places. For hedges, foundation planting, background to smaller shrubs or flowers as well as for single specimens few other shrubs fit in so well as this Spirea. May and June is the flowering time of the Spirea Van Houttei. Like huge snowdrifts, the branches of the shrub arching as if under the weight of the blossoms with which they are completely covered, this is the Bridal Wreath at blooming time. Perfect hardiness, healthy growth, easiest of culture make up the rest of desirable qualities all found in this shrub.

Prepaid:	1	3	10	25
12-18 inch nice plants.....\$	...	.30	.90	2.00
18-24 inch good shrubs.....	...	.50	1.20	2.50
2-3 ft. bushy shrubs.....	.25	.65	1.70	3.75
3-4 ft. extra heavy, select.....	.35	.90	2.50	5.25



SPIREA ARGUTA MULTIFLORA

PEONIES

*finest double,
giant size roots*

All varieties (unless quoted otherwise): 30c each; 3 for 75c; 10 for \$2.20; postpaid.

Mixed Red All guaranteed double, strictly No. 1 roots. 25c each; 3 for 65c; 10 for \$1.80; postpaid.

Mixed Pink

All double flowering, strong roots. 25c each; 3 for 65c; 10 for \$1.80; postpaid.

Mixed White Finest double, all nice roots. 25c each; 3 for 65c; 10 for \$1.80; postpaid.

All Colors Mixed Strictly double varieties, and good large roots. 3 for 50c; 10 for \$1.50; postpaid.

My Peonies are all top size, 3 to 5 eyes each. Plant them deep enough to cover the eyes 1 inch.

Count de Montenil Dark rose, midseason, medium size flowers, double to the center with fringed petals.

Golden Wedding Rose type, double canary yellow flowers, changing to white.

Edulis Superba Mauve-pink with silvery reflex, extra fine cut flower, best midseason, and sure bloomer. Very double. See picture upper left.

Felix Crousse Brilliant ruby-red, midseason, blooms very freely, exceptionally well shaped.

Festiva Maxima White with center petals tipped red. Midseason, very large and double. Bush very vigorous.

Karl Rosenfield Rich crimson, splendid shape and very double.

Louis Van Houtti Very showy cherry-red, very double midseason peony. Blooms very freely.

ROSE TYPE, NEW PEONIES

Alsace Lorraine Petals pointed, rich cream color, center tinted yellow. Late. 60c each; 3 for \$1.60; postpaid.

Grover Cleveland Very dark crimson, exceptionally large, rose type blossoms. Late midseason. 50c each; 3 for \$1.35; postpaid.

HARDY PHLOX

All Phlox: 25c each; 3 for 50c; 10 for \$1.50; postpaid.

Richard Wallace

See photo at left. Pure white with violet-rose center, very pretty, fine bedding phlox of medium height.

Eclair

Beautifully formed heads of rich violet. Medium height.

Brilliant Very large flower heads, fiery scarlet with darker eye. A beautiful new phlox.

Beacon Well shaped, beautiful cherry red color.

Special French Mammoth trusses of shimmering pure pink flowers. Very good.

Rheinlander Salmon pink, with claret red eye in very large flower trusses.

Miss Lingard Pearly white, with delicate pink eye, blooms extra freely, and over a long period.

Columbia Phlox Plant Patent No. 118. Finest light pink phlox, delicate cameo-pink shaded faint blue at center. Sometimes called "Everblooming Phlox," due to its unusually long blooming season. 40c each; 3 for \$1.10; postpaid.

A Phlox border or bed puts color in your garden, they bloom over a long period in summer and fall. Plant them just a little deeper than grown before, water at planting time, and occasionally during dry weather. Phlox are easy to grow.

Hardy GARDEN LILIES



Longiflorum Lily



Regal



Spotted Leaf Calla



Gold-Band Lily

Regal The Royal Lily. 3 ft. tall, fragrant, blooms July-August. Very showy. Plant 7 inches deep.

New Wonder Lily 3 ft. tall. Blossoms like Easter lilies; long white trumpets in August. Plant 4 inches deep.

Red Russian Lily 1½ ft. tall, a wealth of showy red flowers in June and July. Depth, 4 inches.

Red Coral Lily of Siberia 1½ ft. tall. Blossom petals recurved, blooms very freely in June. Plant 4 inches deep.

Giant Tiger Lily 3-4 ft. tall. Blooms in August to September, bright salmon red flowers spotted black. Depth, 4 inches. **PRICES:** Above 5 varieties, 20c each; 3 for 55c; 10 for \$1.50.

Gold-Band Lily (Auratum.) 4-5 ft. tall, blooms July and August. Flowers large white with carmine dots and golden center. Plant 7 inches deep. 25c each; 3 for 65c; postpaid.

Lily of the Valley lovely The fragrant spring flower. Does extra well in shady places. 6 for 30c; 12 for 50c; 25 for 85c.

Longiflorum Gigantea 3 ft. tall, blooms in June and July. Beautiful white trumpets. The same as Easter Lily. Depth, 7 inches. 35c each; 3 for 90c.

Spotted Leaf Calla (Yellow Elliotiana.) Golden Yellow. Must be taken up in the fall. Can be potted for winter blooming indoors. 30c each; 3 for 80c; postpaid.

Purple Martagon 3 ft. tall. Tall spikes of waxy, purple flowers. An outstanding new Lily from Scotland. Plant 7 inches deep. 30c each; 3 for 75c; ppd.

Plaintain Lily Funkia Subcordata. 1½ ft. tall, with broad shiny leaves, and pretty waxy white flower-clusters. For shady spots. 35c each; 3 for 90c; postpaid.

Funkia Lancifolia Foliage 6 inches high, fine border plant. Blooms in August. Pale lilac flower spikes 18 inches tall. 20c each; 3 for 45c; 10 for \$1.35.

Double Brown Day Lily Hemerocallis Fulva. 2 ft. tall. Blooms in June. Very dark yellow. Makes a dense mat of plants. 20c each; 3 for 45c; 10 for \$1.35; postpaid.



New Wonder Lily

Sure-Blooming

White Iris

Florentina Alba. 24 inches. Pure white.
White Intermediate. 16 inches. Very early.

Yellow Iris

Honorabilis. 20 inches. Yellow standards, brown falls. Always sure to bloom well.

Lavender and Violet Iris

Amos Hybrid. 30 inches. Very large blossoms, violet standards, falls rich purple.
Dalmatica Pallida. 30 inches. Standards lavender, falls deep lavender. Blooms late.
Monsignore. 28 inches. Standards rich satiny violet, purple crimson falls. Blooms late.
Lavender. 28 inches. Very large blossoms, pure lavender.

Pink and Red Iris

Large Pink. 32 inches. Light pink standards, wine-red falls. Blooms well.
Red Intermediate. 18 inches. Warm pink to wine color. Blooms early.

Blue and Purple Iris

Sonderegger's Blue. 24 inches. Very large flower, orchid shades and dark blue.

Mixed Iris

Unnamed. All Colors and Shades.
12 for 60c; 25 for \$1.10; Postpaid.

IRIS Hardy Easy To Grow

PRICES: All Varieties
12c each; 3 for 30c; 10 for 80c;
25 for \$1.70; postpaid.

Blue Bird. 24 inches. Standards light blue, falls rich dark blue. Blooms very freely.
Blue Intermediate. 16 inches. Dark blue.
Perfection. 24 inches. Standards light blue, falls dark velvety violet-black with orange beard.
Plicata. Dark purple with lilac falls. 20 inches. Blooms early.
Satch. 30 inches. Large flowers, standards fine shade of violet, very dark blue falls.
California. 24 inches. Very dark reddish purple Iris.
Kochii. 24 inches. Glowing claret purple.
Siberian Blue. 12 inches. Small blossoms, pretty shape, deep blue, very early; fine for border.

Two-Tone Iris

Frederick. 28 inches. Pale lavender with light blue falls. Blooms well.
Madame Chereau. 24 inches. With blue fringe on standards and falls. Sure bloomer.
Nibelungen. 30 inches. Standards old gold, falls dark wine-red. Extra good.
Rhein Nixe. 26 inches. Ivory white standards, falls lovely mauve with white edge. Blooms late.
Madame Louise Victoria. 24 inches. Light lemon standards with pretty purple veins, falls dark purple with gold edge.

Caladium, Elephant's Ear

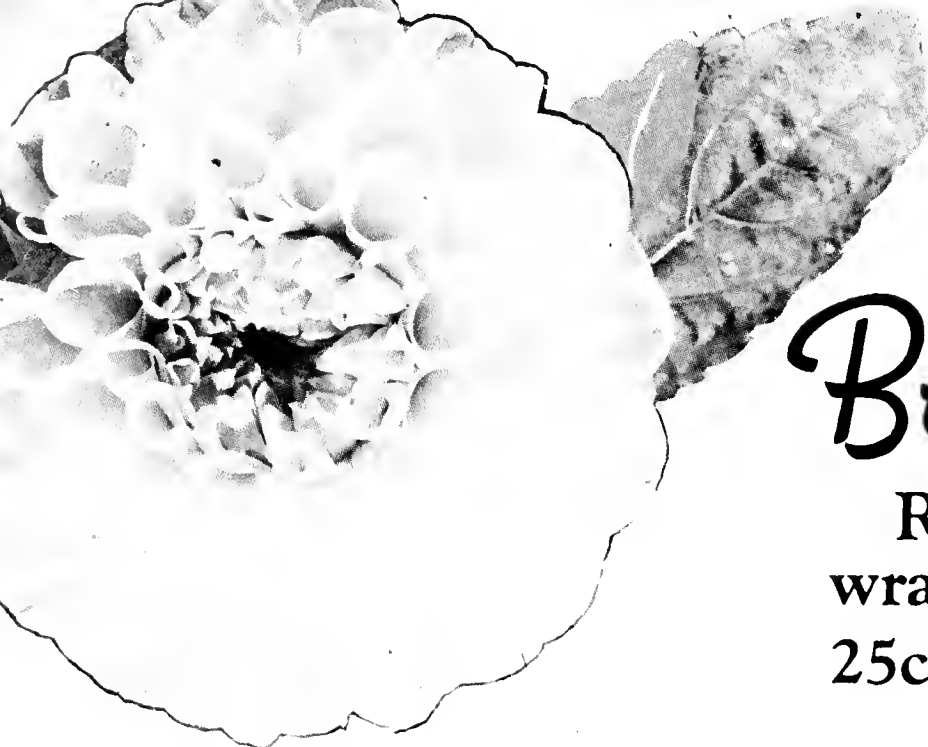
A beautiful foliage plant which is grown from a bulb to full size in one season. Large leaves of tropical appearance. Ideal for planting as a tall border, near a pool or in groups on a lawn bed. Bulbs are taken up in the fall and stored in the cellar like Gladiolas. Will add a fine touch to your garden. Plant 4 inches deep, water freely. 25c per bulb; 3 for 60c; postpaid.

Mexican Tuberose

Extremely fragrant. Grows 16 inches tall with long spikes of waxy-white blossoms well arranged. Showy in the garden or in the vase. Stands heat and drought very well. Blooms in September. Plant 4 inches deep, and take the bulbs up for the winter. My bulbs are sure to bloom. 3 for 25c; 6 for 40c; 12 for 75c; postpaid.

PLANTING INSTRUCTIONS

For Lilies proper depth given within descriptions. Plant in shady or partly shaded places. Use a small amount of sand with each bulb, placing the sand around the bulbs. For Iris I recommend shallow planting, covering the bulbs about 1½ inches with soil. All ordinary garden soil will produce good results with Iris and Lilies.



Sonderegger

Better DAHLIAS

Registered Bulbs, labeled and wrapped, guaranteed true to name
25c each; 3 for 60c; 10 for \$1.75
By Mail, Prepaid.

DECORATIVE DAHLIAS

Double flowers, full to the center, shaped as shown in reduced photo above. Very showy in the bed or as cut flowers.

RED

OREGON BEAUTY

Brilliant red, very beautiful.

PRIDE OF CALIFORNIA

Huge crimson-red flowers on long stems.

THOMAS A. EDISON

Royal purple, one of the finest dahlias known.

SPIRIT OF ST. LOUIS

A most beautiful dark red Dahlia.

LE TOREADOR

A brilliant red Dahlia.

PINK

QUEEN MARY

A very pretty rose-pink dahlia.

ELLINOR VANDERVEER

Large flower of glowing rosy-pink color.

JERSEY BEAUTY

Very fine true pink, one of the best.

BASHFUL GIANT

Apricot-gold with beautiful pink shading. Very good.

YELLOW

JANE COWL

Glistening bronze-buff and salmon shade; very pretty.

THE COMMODORE

Large canary yellow; a beauty.

WHITE

FLORA

Large, pure white, very double.

LAVENDER

SANICHAN BLUEBIRD

The color of this pretty Dahlia is a rare shade of light blue.

MRS. I. DE VER WARNER

A most beautiful shade of orchid-lavender, large flower.

SHOW DAHLIAS

Globular or ball shaped, full to the center, petals quilled. Note picture lower right hand corner.

RED

D. M. MOORE

Very dark red, nearly black, good stiff stems; one of the finest dahlias.

AMERICAN BEAUTY

Showy red, just like the rose of the same name. Very pretty.

PURPLE BALL

Fine cut flower type, showy purple.

PINK

A. D. LIVONI

One of the most popular pink dahlias, well liked everywhere; showy; good cut flower.

STRADELLA

Rose-purple; excellent.

YELLOW

CLARA SEATON

A very rare shading of yellow and brown.

YELLOW DUKE

Beautiful clear yellow; very good.

WHITE

STORM KING

Pure white; one of the older Dahlias, but still in great favor.

LAVENDER-BLUE

BONNIE BLUE

There is no true blue Dahlia in existence. Bonnie Blue, however, with its decidedly bluish cast comes as near to being a blue Dahlia as any I know of.

CACTUS DAHLIAS

Double flowers. Beautifully shaped, excellent bedding and cut flowers.

RED

KALIF

Beautiful scarlet.

SPRINGFIELD

Also known as "The Red Lonsdale." A Dahlia that should be in every garden.

PINK

EDNA SPENCER

One of the most beautiful incurved Cactus Dahlias with a color combination of white and lavender-pink.

CALIFORNIA ENCHANTRESS

Lovely rosy-pink; very pretty.

YELLOW

GAY PAREE

Golden-bronze, suffused red.

WHITE

BRIDE'S BOUQUET

Pure white, blooms freely. Very good.

PURPLE

LIBELLE

Royal purple. The finest Cactus Dahlia in this color.

POMPON OR LILIPUT DAHLIAS

Dwarf compact plants, flowers very double, small; in great demand for bouquets.

RED

JOHNNY

Best red; a beauty in the garden or vase.

PINK

LITTLE BEAUTY

Should be in every garden. Warm pink.

YELLOW

YELLOW GEM

The golden Pompon Dahlia.

WHITE

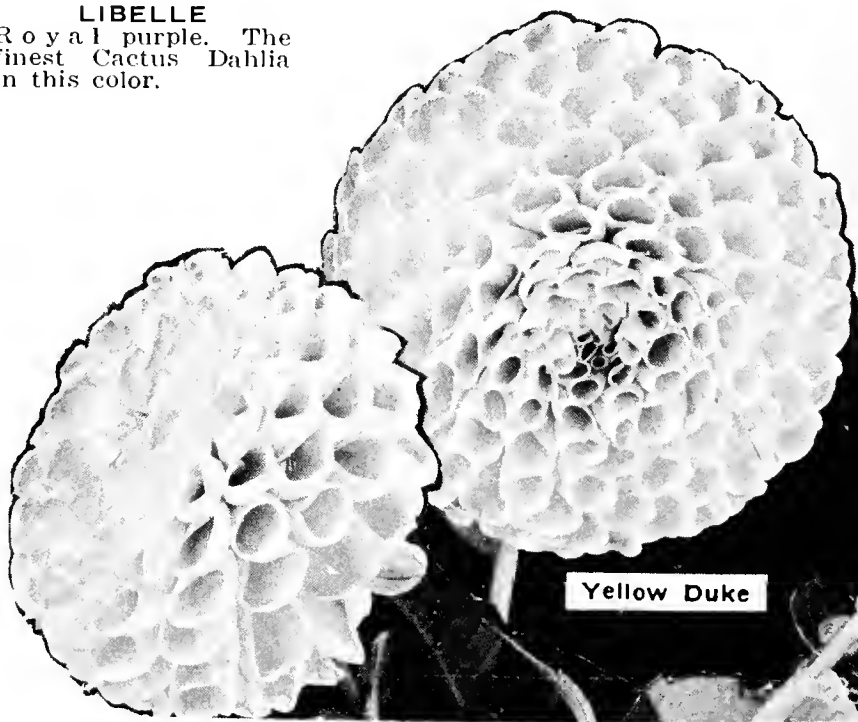
JOE FETTE

The best white of the Pompon type.

PURPLE

BOBBY

A lovely plant in every respect, of showy purple.



Planting and full instructions on growing Dahlias with every shipment.

Sure To Bloom CANNAS

All Varieties Labeled
Guaranteed True to Name

3 for 30c
10 for 80c
25 for \$1.65
POSTPAID

Eureka. White. 4 ft. Green foliage. The only white Canna, blooms well.
Hungaria. Satiny pink. 3½ ft. Blooms well. Green foliage.
Red King Humbert. Orange Scarlet. 4 ft. Leaves bronze red.
Richard Wallace. Canary yellow. 4 ft. Green leaves.
Statue of Liberty. Blazing flame red. 6-7 ft. Bronze foliage.

The President. Glowing scarlet. 4 ft. Green leaves.
Wintzer's Colossal. Bright scarlet. 5 ft. Green leaves.
Wyoming. Showy orange, very good. 5 ft. Strong bronze colored foliage.
Yellow King Humbert. Golden yellow, blotched red. 4 ft. Foliage green.

7 ft. round Canna Bed

Center: 1 Statue of Liberty
1st Circle: 6 Wyoming
2nd Circle: { 6 Richard Wallace
 { 6 Hungarian
 19 Bulbs

\$1.20
POST PAID

10 ft. round Canna Bed

Center: 9 Wyoming
1st Circle: 12 Wyoming
2nd Circle: { 6 Eureka
 { 6 Yellow King Humbert
 { 6 President
 39 Bulbs

\$2.35
POST PAID

Plant 18 inches apart, 4 inches deep. Water frequently. A sunny place gives best results. Take Canna bulbs up in the fall after frost, store in the cellar free from freezing.

Purple Fountain Grass—Border A beautiful annual ornamental grass for all purposes in the garden, particularly for borders around Canna plantings. Space this grass 12 inches apart. Price same as for Cannas.

Gladiolas

Full-size blooming bulbs

ASSORTED VARIETIES

6 for 25c; 12 Bulbs, 42c; 25 for 75c; postpaid.

RED

Cardinal Prince. Very fine red, early mid-season.
Virginia. Intense scarlet, large well formed blossoms.
Dr. Bennett. Brilliant scarlet, mid-season.
Flaming Sword. Extra deep red, perfect shape. Early.

WHITE

Carmen Sylvia. Beautiful white flowers. Mid-season.
Peace. An outstanding white Gladiola. Late.

PINK

Annie Laurie. Light apple blossom pink, very pretty.
Picardi. Shrimp-pink, an excellent flower.

YELLOW

Apricot Glow. Finest shade of apricot gold. Tall.
Golden Dream. Pure golden yellow. One of the best.

LAVENDER AND BLUE

Baron Hulot. Unsurpassed Violet Blue.
Lavender Bride. Finest deep lavender-rose.
Marmora. Lavender gray, giant spikes. Very choice.
The Orchid. Pure orchid color of great beauty.

Gladiola Novelties

Morocco. Darkest of the dark red Glads.
Star of Bethlehem. Most beautiful white.
Johan Sebastian Bach. Salmon red, extra fine.
Pelegina. Like deep blue velvet.
Price of above 4 gladiolas, 3 for 20c; 12 for 70c; postpaid.

Prizetaker Collection

5 Marmora, 5 Dr. Bennet, 5 Picardi, 5 Apricot Glow, 5 Peace, 5 Virginia. 30 Bulbs for 80c, postpaid.

Free: 10 Fancy Mixed Glads.

Rainbow Collection

8 Flaming Sword, 8 Annie Laurie, 8 Carmen Sylvia, 8 Orchid, 8 Cardinal Prince, 8 Golden Dream. 48 Bulbs, \$1.40, Postpaid.

Free: 20 Fancy Mixed Glads.

**Sweep-
Stake**

Collection

42 bulbs, three of each variety listed above for **\$1.25**
Postpaid

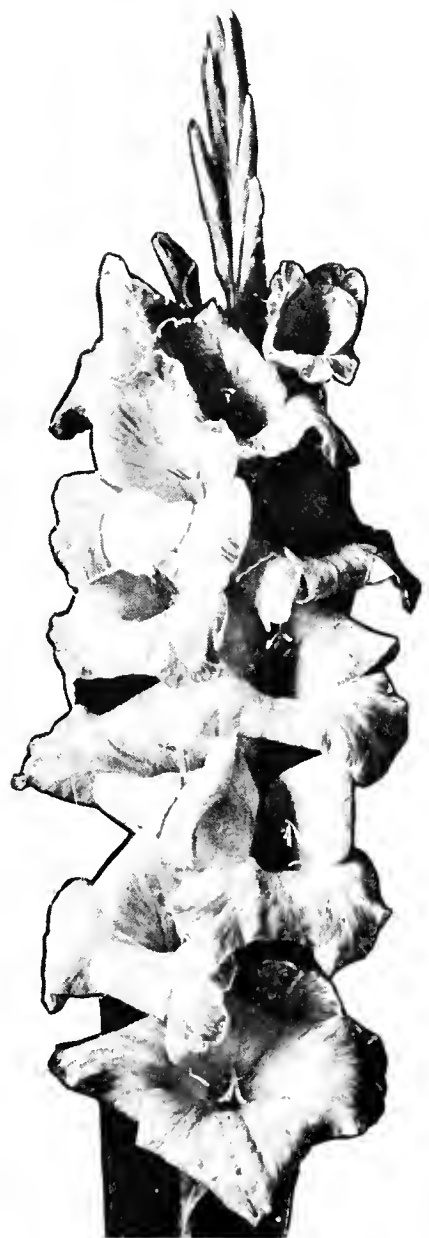
Free: With this collection, 3 Morocco Glads.

Sonderegger's Fancy Mixed Gladiolas

Containing only choice varieties, bulbs of full blooming size, all strictly large flowering types, carefully mixed to give you many different colors. 12 bulbs, 30c; 25 bulbs, 50c; 100 bulbs, \$1.70; postpaid.

GUARANTEE and PLANTING INSTRUCTIONS

Sonderegger's Gladiolas are guaranteed to be true to name, and to bloom if planted as follows: Dig the ground up deeply, plant 4 to 6 inches deep, in heavy soil not quite so deep, 6 inches apart. Plant in full sun, or partial shade. For extra large spikes a top dressing of Vigoro fertilizer will help. Keep the bed free from weeds, sprinkle frequently through dry weather. Take bulbs up in the fall.



My Full-Size Bulbs Will Bloom Without Fail.

PERENNIALS

SELECTED GARDEN FLOWERS

Safe Delivery Guaranteed, Postpaid.
All varieties, unless quoted otherwise:
2 for 39c; 4 for 65c; 12 for \$1.75.



CRYSANTHA (GOLDEN) COLUMBINE

Columbines (Aquilegia)

Chrysantha Golden Columbine. 2½ ft. tall; blooms beautifully in June; golden yellow, very hardy.

Coerulea, Blue Rock Mountain Columbine. 2 ft. tall; the true variety; blue, long-spurred.

Hybrid Columbines. 2½ ft. tall; finest of all long-spurred Hybrids. Striking colors and shades. Mixed.

Campanula (Bell Flower)

Glomerata. The hardy native type, blooming in large heads of light blue flowers. Very showy.

Allerifolia. Perfectly hardy, and perennial, creamy white Bellflower, very desirable for border.

Coreopsis. 2 ft. tall, blooms from June until fall, rich golden yellow flowers, beautifully shaped.

Blue Flax. *Linum Narbonense*, the hardy type with pretty silvery green, feathery foliage, and lovely blue flowers in July and August. 18 inches tall.

Forget-Me-Not. *Myosotis Palustris*. Of spreading habit, 8 inches tall, with the genuine sky-blue Forget-Me-Not flowers.

Rudebeckia. Golden Glow. 6 ft. tall, produces masses of large golden globe-shaped blossoms in July and August.

5 Beautiful Asters

Frikarti. 2 to 3 inches across with beautifully arranged petals of lilac pink and golden center.

Climax Blue. 4 ft. tall bush form, very dense, blooms very freely, lavender blue. Late fall.

Niobe Dwarf. 12 inches, very compact, pure white, blossoms throughout fall.

Red Rover. Deep rosy red with golden center throughout the fall. 3 to 4 ft. tall.

Victoria Dwarf. Pretty border Aster, 8 inches tall, good bloomer, lavender blue in September.

Hardy Garden Ferns

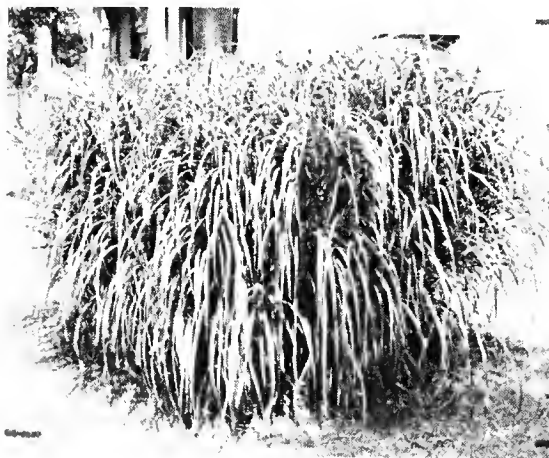
Wood Fern. 2 ft. tall with beautiful fronds of tropical luxuriance; does best in the shade.

Ostrich Fern. 2½ ft. tall, prefers a shaded and moist place. Very pretty vase shape of fronds.

Delphinium

Belladonna Hybrids. Medium height, blooming continually from June to fall, full flower spikes in all shades of light to dark blue.

Chinese Blue. Blooms very freely over a long period, extra hardy.



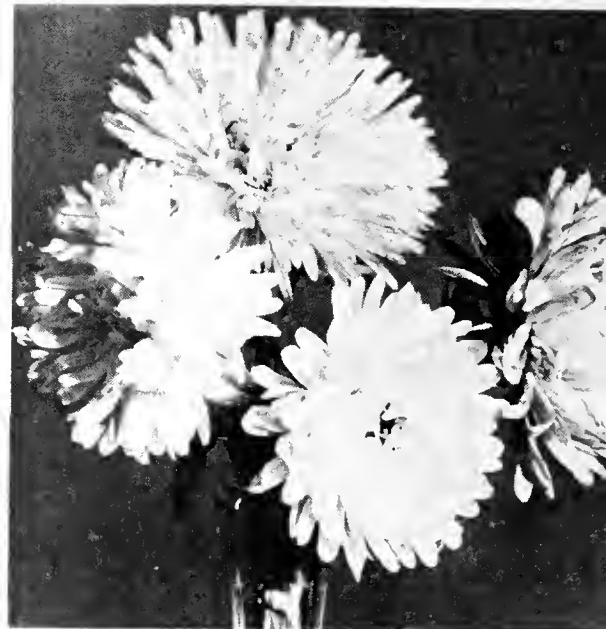
EULALIA GRACILLIMA

Ornamental Grasses

Phalaris, Ribbon Grass. 2 ft. tall, leaves striped yellow and green, a very showy foliage plant.

Eulalia Gracillima. 5 ft. tall, narrow, tall dark green leaves, pretty plumes, finest of the hardy types.

Hardy Pampas Grass. 8 ft. tall, with nice plumes.



ALADDIN CHRYSANTHEMUM

Chrysanthemums

Aladdin. Bronze gold, very double, blooms early and over a long period.

Lorelei. Large yellow blossoms, beautiful, blooms profusely, long stemmed, height 26 inches.

White Doty. 18 inches tall, pure white, double pom-pom style.

Pink Cushion. Best and most freely blooming of the cushion type chrysanthemums. Very hardy. Has produced as many as 3,000 blossoms the first year.

Red Flare. Best bright red, pom-pom type flowers, very choice. Height 20 inches, very compact, and a profuse bloomer.

Prices, all Chrysanthemums: 2 for 45c; 5 for \$1.00; 10 for \$1.75; postpaid.

Anchusa Myositidiflora. 18 inches tall, with clusters of sky blue flowers like Forget-Me-Not, in May and June. Very pretty heart-shaped leaves. 30c each; 3 for 75c; postpaid.

Artemesia Pontica. 8 inches tall, silvery gray, finely cut foliage, for ground cover and low foliage border, one of the finest and hardiest. 5 for 40c; 10 for 70c; 25 for \$1.40; postpaid.

Silver King Artemesia. See page 27.

Baby's Breath

"Snow White." 2 ft. tall, blooming most profusely, the extremely small flowers are double, and give a most attractive spray effect. 30c each; 3 for 75c; postpaid.

Paniculata. The single-flowered, pinkish-white small spray effect type. 2½ ft. tall. Should be in every garden.

PLANTING INSTRUCTIONS

I furnish Perennial Plants separate from trees or seeds. You receive your Perennial plants at the proper time for planting in a special package. Unpack the plants as soon as received. Plant them about as deep as they were grown in the nursery, and water well after planting. There is no other care required at planting time. Although Perennials will do well in most any ordinary garden soil, I prefer, for best results, a mixture of soil and well rotted barn manure or "Leaf-Mold." The latter consists of decayed leaves which make the ground light and very fertile. I also recommend an annual application of "Vigoro," liquefied.



Gaillardia

Note Photo Above.

Grandiflora Maxima. 18 inches tall, the most continuous bloomer of the Gaillardias, comes in many shades of orange, brown, black with dark red shades. Perfectly hardy.

Mallow Marvel. Hibiscus Mechani. Grows 5 ft. tall, forming a pretty bush with large, light green leaves, and blooms gorgeously in August and September. Gigantic flowers which are very showy. Your choice of colors: Red, white and pink.

Bleeding Heart. Dicentra Spectabilis, the true old fashioned type, blooming in May and June, one of the finest late spring flowers. Grows 18 inches tall. 45c each; 3 for \$1.20; postpaid.

Crimson King Carnation. 18 inches tall, blooms continually from spring until fall frost. Very pretty, crimson flowers. One of the best hardy carnations. I recommend a light mulch for the winter. 35c each; 3 for 85c; postpaid.

Oriental Poppy. Wurttembergia. 38 inches tall, deep red, flowers on long stiff stems. One of the best. 29c each; 3 for 75c; postpaid.

Mixed Poppies. All colors, not named, good plants. 3 for 50c; 10 for \$1.50; postpaid.

Asclepia, Butterfly Flower. 18 inches tall, blooms in June and July, brilliant orange flowers, very pretty.

Physotegia Virginica. False Dragon Head. Dwarf pink variety, 18 inches tall, extra profuse bloomer throughout the greater part of the summer.

Chinese Bellflower. Platycodon. Blooms all summer, blue and white, your choice of color. 12 inches tall.

Painted Daisy. Pink Pyrethrum. 18 inches tall, very hardy, blooms all summer in different shades of pink to bright red.

Meadow Sage. Salvia Pitcheri. 3 to 4 ft. tall, branching out well, and blooming through late summer and fall. Flowers of a rich gentian blue. A perfectly hardy, and very showy plant.

Shasta Daisy. Alaska type, very hardy, 2 ft. tall, blooming through the entire summer, with beautiful large flowers.

Great Sea Lavender. Statice latifolia. 1½ ft. tall, of compact growth, blooming beautifully, the entire top of the plant becoming an immense head of lilac blue flowers. August. Also for winter bouquets.

Tritoma. Flaming Torch. Red Hot Poker. 2 ft. tall, blooms from August to October, flower spikes scarlet red, tinged with rich orange.

Hardy Verbena. A spreading plant that blooms throughout summer and fall in shades of pink and red. An excellent ground cover plant, and for rock gardens. 2 for 50c; 5 for \$1.00; postpaid.

Veronicas

Amethystina. 12-inch border plant, with long blooming season from June to August, flowers royal blue.

Spicata. 24 inches tall, blooms from July until fall, very pretty lavender-blue flowers.

Incana. Deep blue with silvery foliage. A very pretty Veronica for border and rockery.



Lythrum Roseum

See Photo Above

Bright rosy-red flowers are produced on 3 ft. stems in July, and if cut when the flowers fade the plants will bloom again in early fall. Perfectly hardy, splendid decoration in border rows or groups.

Vinca Minor. Trailing Periwinkle. (Creeping Myrtle.) See page 25.



Everblooming Violet. King Edward. A beautiful border plant with shiny heart shaped leaves. Violets extra large, sweet scented, appearing in great freedom in the spring, through the summer, and particularly in the fall until heavy frost.

Palm Lily. Yucca filamentosa. A very hardy plant, resists cold and drought. 4 ft. tall of tropical appearance, with evergreen leaves, developing into dense clumps. Creamy white bell shaped blossoms on large spikes, remaining for several weeks in June and July. Does well on dry land, requires little or no care. Often used for cemetery planting.

PLANTING INSTRUCTIONS

Faded flowers should be removed, most varieties will bloom repeatedly in one season if they are not allowed to go to seed. For winter protection which is necessary only in the North, cover the plants first with brush and when the ground begins to freeze put straw or leaves over the brush. The latter is to keep an air space between cover and plants.

All Perennial Plants, unless priced otherwise:
2 for 39c; 4 for 65c; 12 for \$1.75; Postpaid.

BEANS

Sonderegger

AT LEFT: SONDEREGGER'S
GIANT STRINGLESS.



"Big Three"

BEAN COLLECTION C175

1/2 lb. Sonderegger's Giant Stringless.
1/2 lb. Burpee's Stringless.
1/2 lb. Pencil Pod Black Wax.

ALL FOR ONLY **47c** POST-PAID.

WAX BUSH BEANS

(YELLOW PODDED)

C140 Sonderegger's Improved Black Wax

(51 days) Much better than the old Black Wax. One of the best all around wax beans on the market. 6 to 7 inches long, bright yellow, round and slightly curved, entirely stringless, free from fiber. Quality is excellent. Seeds black. Bears extra well.

C155 Pencil Pod Black Wax

(52 days) Plants large and stocky, producing well. Pods golden yellow, fleshy, tender and stringless, finest quality. Seeds black.

C142 Brittle Wax

A new bean of highest quality. The plants are large, erect, vigorous and very productive. Pods handsome, medium yellow, round, slightly curved, extremely brittle, fleshy, entirely stringless and fiberless. Seed white, kidney shaped with black eye.

C144 Improved Golden Wax

(59 days) Pods from 4 1/2 to 5 inches long, brittle and stringless, with nice golden color. Well flavored, makes a fine snap bean, bears well. Seeds white mottled brown and purple.

POLE BEANS

(RUNNERS)

C162 Kentucky Wonder

(65 days) Of all the Pole Beans I have ever put to test none have ever produced better and bore beans of finer quality than Kentucky Wonder, and its yellow pardner listed below. They are at their best if picked before fully ripe.

C164 Kentucky Wonder Wax

(60 days) With the exception of the pods which are golden yellow, this is exactly the same bean as Kentucky Wonder listed above.

Green Bush Beans (Stringless)—3 Extra Fine Sorts

C120 Sonderegger's Giant Stringless

(51 days) One of the heaviest bearers. Meaty, very brittle, for the home garden one of the very finest. You will be pleased with this bean.

C126 Burpee's Stringless

(52 days) One of the older varieties, but still in great favor. Plants large, erect, and very productive. Pods 5 to 6 inches long, round and light green.

C134 New Tendergreen (54 days) One of the best green beans for the Middle West. Pods of dark green color, round and fleshy. Bears well. It is a good, erect grower. Plant them for the home and market.

C132 Early Erfurt Broad Bean (Grotbohn) They can be sown very early in spring. The plants make one straight stalk and are well filled with large green pods which contain three to four large beans which are cooked the same as green limas.

C154 Henderson's Bush Lima (55 days) The earliest of the limas; a good bearer. Beans are slightly smaller than those of other lima varieties, but for the Middle West this is one of the best; also in the South.

PRICES OF BEANS

No.	Variety	Pkt.	BULK SEED		
			1/2 lb.	1 lb.	3 lbs.
C120	Sonderegger's Giant Stringless....	8c	20c	35c	90c
C126	Burpee's Stringless Green Pods...	5c	18c	30c	80c
C132	Early Erfurt Broad Bean.....	10c	30c	50c	...
C134	New Tendergreen	5c	18c	30c	80c
C140	Sonderegger's Impr. Black Wax...	10c	20c	35c	90c
C142	Brittle Wax	5c	18c	30c	80c
C144	Improved Golden Wax.....	5c	18c	30c	80c
C154	Henderson's Bush Lima.....	5c	18c	30c	85c
C155	Pencil Pod Black Wax.....	8c	20c	35c	90c
C162	Kentucky Wonder, Pole Bean.....	5c	20c	35c	95c
C164	Kentucky Wonder Wax, Pole Bean	5c	20c	35c	95c

Safe Delivery of Shipment Guaranteed, Prices POSTPAID. Make a second sowing of beans for a fall crop. Bush beans sown any time between July 20 and first week in August make a fine crop in the fall before frost. Peas can also be sown for a fall crop, coming in during cool weather of late summer your fall crop is exceptionally fine in flavor and tenderness.

IMPR. GOLDEN
WAX.



Seed Department

PEAS

"Big Three"

PEA COLLECTION C521

1/2 lb. Alaska.
1/2 lb. Everbearing.
1/2 lb. American Wonder.

ALL FOR ONLY **47c** POST-PAID.

C494 Extra Early May Pea

(50 days) A variety of great merit. The vines are dwarfish, about 18 inches high, completely covered with an abundance of the finest, well filled pods. Large peas, quality extra good. Will grow without support, unless in extra favorable growing weather.

C496 Hundredfold

An early dwarf pea, 18 inches high with large four-inch pods which are well filled with large sweet peas. The plants are of sturdy growth, resists heat well and produces an abundance of high quality peas. Excellent for the home garden.

C498 American Wonder

(52 days) An old standard variety, known as a very early wrinkled pea. The vines grow 10 to 14 inches high and do not need brush or sticks for a support. Pods medium size, well filled. For the city garden I consider this the best.



Nitragin

Treat all your Beans and Peas with Nitragin before you sow. You will get a better stand, a better crop, and it improves the soil. Cannot be used except with the seed before sowing. Not good for any other kind of seeds. Garden size tin, enough to treat 4 lbs. of seed, 10c; postpaid.

SUGAR PEAS

(Edible Pods)

C516 Sonderegger's Giant

Sugar (70 days) They are used just like string beans. The large, broad, flattened pods are of waxy yellow color, stringless, very sweet and tender. Should have a support; grows 4 to 5 ft high; a fence is best.

C518 Dwarf Gray Sugar

One of the sweetest of all Sugar Peas. Pods of good size, and well filled. You can grow them without brush or trellis.

C506 Peter Pan

For the Middle West this is a very good wrinkled sort. 18 inches high, of sturdy growth, dark green, and wonderfully productive. The pods measure 4 to 5 inches in length, and contain 8 to 10 deep bluish-green sweet, wrinkled peas of finest quality. They should be in every planting.

C488 Alaska

(45 days) The earliest of all peas. Grown very extensively for canning, especially by market growers. It is a splendid bearer. Pods 2 1/2 inches long, well filled with usually 6 light green peas. Height 2 ft.

PRICES OF PEAS

No.	Variety	Pkt.	BULK SEEDS		
			1/2 lb.	1 lb.	3 lbs.
C488	Alaska	5c	18c	30c	\$0.85
C490	Little Marvel	5c	18c	30c	.85
C494	Extra Early May	5c	18c	30c	.85
C496	Hundredfold	5c	20c	35c	.90
C498	American Wonder	5c	20c	30c	.85
C506	Peter Pan	5c	20c	35c	.90
C512	Everbearing	5c	20c	35c	.90
C516	Sonderegger's Giant				
	Sugar	10c	25c	40c	1.05
C518	Dwarf Gray Sugar	8c	20c	35c	.95

Postpaid to Your Door.

C512 Everbearing

(60 days) For midseason and main crop I recommend this variety. Pods are large, well filled with very large peas of superior flavor. Vines of robust growth and branching habit, blooming repeatedly after picking. 20 to 24 inches high.

C490 Little Marvel

(60 days) Can be planted very early. It is a dwarf grower (15 inches high) and produces an abundance of well filled pods 5 to 7 inches long. Peas are medium size, excellent in quality.



Always Order By Name and Number for Double Checking.

Sonderegger

BEETS CARROTS

BEETS

C179 Ohio

Canner (65 days)

See photo lower left hand corner. A beet of recent introduction, deep blood red, tender, sweet and free from stringiness. Its uniform, rounded roots and rich color are especially desirable, both for home use and for the market. Packet, 10c; oz., 20c; 1/4 lb., 30c; lb., \$1.00; postpaid.

C180 Crosby's Egyptian

The roots are flattened in shape, of medium size, very smooth, dark red, sweet and tender. The very best of the early flattened beets. Packet, 5c; oz., 13c; 1/4 lb., 25c; lb., 85c; ppd.

C201 Detroit Dark Red (60 days)

For the home garden and for the market, this beet is second only to Sonderegger's Early Blood Turnip. Round, dark red, sweet and of excellent quality; does not lose color in cooking. Packet, 8c; oz., 15c; 1/4 lb., 30c; 1 lb., 95c; postpaid.

C178 Sonderegger's Early Blood Turnip

Note photo on rear outside cover. One of the finest for the Middle West, especially for the home garden. Of outstanding quality; tops medium, dark green, tinged red, roots globular, smooth with few fine roots. Flesh dark red with indistinct zones. Of excellent quality, very sweet and tender. Packet, 10c; oz., 15c; 1/4 lb., 30c; lb., 95c; postpaid.

C184 Early Blood Turnip An old variety for canning; smooth, tender, and of fair quality. Still well liked by many gardeners. Packet, 5c; oz., 15c; 1/4 lb., 20c; lb., 75c.

C182 Crimson Globe Early, medium size globe shape. A beet of fine quality, very dark red, and smooth. A favorite with market growers. Packet, 5c; oz., 12c; 1/4 lb., 25c; lb., 90c; postpaid.

C192 Swiss Chard (Mangold)

Of this variety only the leaves are used, same as Spinach. Produced in large numbers throughout summer and fall. Packet, 5c; oz., 12c; 1/4 lb., 25c; postpaid.

Photo at Left:
Swiss Chard

"BIG THREE"

Beet Collection

Sonderegger's Early Blood Turnip

Ohio Canner

Crosby's Egyptian

3 excellent sorts

One Packet of each . **18¢** POSTPAID

SUGAR BEETS

Profitable for syrup, also for dairy cows and poultry. For cattle feed the beets should be chopped or ground up so that the pieces are not larger than 1-inch square. Easy to store in pits for winter use with straw or dirt cover. For making syrup a bulletin sent out free on request by U. S. Dept. of Agriculture will give you complete directions.

C202 Klein Wanzleben (75 days)

Long, slender roots, heavy producer, and rich in sugar contents, very valuable for syrup and sugar production, also for feed. Oz., 5c; 1/4 lb., 20c; lb., 60c; postpaid.

MANGEL BEETS

Produces enormous crops of beets per acre, and they can be stored in pits or caves for winter use. Egg and milk production during the winter is greatly increased if the animals receive some fresh feed. Mangel Beets are most profitably used in dairies and poultry ranges. Try them, you will increase your income, and you will be keeping your animals in good shape.

C194 Danish Sludstrup (90 days)

Reddish yellow, grows well above the ground, and therefore easy to harvest. Beets medium to large in size, and of highest feed value. Oz., 5c; 1/4 lb., 15c; lb., 50c; postpaid.

C200 Mammoth Long Red

(110 days) The latest variety I have, and the largest; beets being of enormous size. Of this Mangel Beet you can count on a greater production of feed per acre than of any other crop that grows, and the beets keep well in pits. Oz., 8c; 1/4 lb., 20c; lb., 70c; postpaid.

MANGEL and SUGAR BEETS

are grown in rows, the rows 3 ft. apart, As soon as the plants are 3 to 4 inches high thin them out to stand 10 to 12 inches apart in the row. Sow when most danger of frost is over. Occasional cultivation to keep soil loose and free from weeds is very beneficial to the beets.

C198

Giant Half Sugar Mangel Beet

(85 days) Extra sweet, and large, of special high feed value for poultry and dairy use. On heavy soil I prefer this variety, as it grows shallow and is easy to harvest. Oz., 5c; 1/4 lb., 15c; lb., 50c; postpaid.

Ohio Canner, one of the best beets for main crop.

SALSIFY PARSNIPS

C586 Salsify or Oyster Plant Perfectly hardy, and may remain outdoors over winter. Culture same as Carrots. For winter use store roots in sand in the cellar. Sow 1 oz. of seed for 50 ft. row, and thin out to 4 inches apart in the row. Makes a most delicious vegetable dish. Try them once, you will never be without Salsify in your garden. Packet, 5c; oz., 15c; 1/4 lb., 50c; lb., \$1.65; postpaid.

CARROTS

C256 Sonderegger's Improved Half Long (65 days)

For the Middle West one of the best, both for home use and for market. The roots and flesh are of a bright orange red color, of medium size, and fine grained. You will be pleased with this carrot, its good production, and its fine quality. Packet, 10c; oz., 15c; 1/4 lb., 35c; lb., 90c; postpaid.

C264 Oxheart or Guerande

(60 days) A short, stumpy variety, very good for early use. Short, almost as large around as long, and of very good quality. Packet, 5c; oz., 15c; 1/4 lb., 25c; lb., 75c; postpaid.

C252 Morse's New Bunching (7 to 8 inches long with an even rich red color clear through.)

Exceptionally smooth, tops short and strong. Practically no small roots. Always sweet and tender; the finest for fall and winter crop. Packet, 7c; oz., 15c; 1/4 lb., 35c; postpaid.

C262 Early Chantenay

An old standard sort, early, smooth and of fine quality. Very productive under normal conditions; one of the best early table sorts. Packet, 5c; oz., 10c; 1/4 lb., 25c; lb., 75c; postpaid.

C260 Red Core Chantenay

An outstanding favorite with many who grow carrots. The rich deep reddish color extends clear to the center. The root tapers to a blunt end. Very sweet and tender. Pkt., 10c; oz., 20c; 1/4 lb., 50c; postpaid.

C254 Sonderegger's New Scarlet (70 days)

Of good size, in fact the finest large Carrot with excellent table qualities. For second early, and for main crop include this fine variety in your planting. You will be well pleased with it. Packet, 10c; oz., 15c; 1/4 lb., 40c; lb., \$1.00; postpaid.

STOCK CARROT

For Rabbits, Horses and Cows.

C266 Long Orange

Grows to a large size. It is the largest of all Carrots I have. Quality fair for table use, but coarse grained. I recommend it mostly for feed; it is a heavy yielder. Packet, 5c; oz., 10c; 1/4 lb., 20c; lb., 75c; postpaid.

C261 "BIG 3" CARROT COLLECTION

SONDEREGGER'S NEW SCARLET, OXHEART
SONDEREGGER'S IMPROVED HALF LONG
1 PACKET OF EACH, 3 EXCELLENT SORTS

18c
POSTPAID.

PARSNIPS

1 oz. will sow 200 ft. row, 5 pounds per acre. Sow early in the spring, rows 15 inches apart, when well up thin out to 5 inches apart in the row. They are at their best in late fall after frost. Can be stored for winter use.

C480 Improved Guernsey

(85 days) Roots thick, of medium length, quality of this Parsnip is excellent, roots smooth, and fine grained. Very satisfactory for home use or market. Packet, 5c; oz., 10c; 1/4 lb., 25c; lb., 85c; postpaid.

C482 Hollow Crown or Long Smooth (85 days)

The old fashioned Long smooth rooted Parsnip that will do well most anywhere. Packet, 5c; oz., 12c; 1/4 lb., 25c; lb., 85c; postpaid.

Photos: Below, Sonderegger's Improved Half Long (2 specimens). At the right, top: Salsify; middle: Sonderegger's New Scarlet Carrot; bottom: Early Chantenay.



Cabbage.. MOST COMPLETE ASSORTMENT

Brussels Sprouts

C118 Brussels Sprouts

Note photo to at left. This is the Improved Dwarf Variety. The miniature heads, which are very solid, and most delicious, grow along the stem of the plant. Culture same as cabbage. They like a cool, damp place. Packet, 10c; oz., 25c; ¼ lb., 80c; postpaid.

SAVOY CABBAGE

C240 King of the Earliest

The best of all sorts of Savoy cabbage that I have ever tried. Medium size, solid, excellent for cooking. Packet, 8c; oz., 25c; postpaid.

C225 Just Right Heads medium and flat, 4 to 5 pounds each. Very fine quality, very early, making nice heads in 65 days. I recommend this variety knowing that you will be well pleased with it. Packet, 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; postpaid.

C224 Early Jersey Wakefield (65 days) Pointed, an old variety, but still in great favor with market growers as well as home gardeners. Heads conical, very solid, weighing 3 to 4 pounds. Outer leaves small, can be planted close together. If transplanted early the heads are usually ready to use by July 4. Packet, 5c; oz., 20c; ¼ lb., 70c; postpaid.

C234 Sure Head (100 days) Uniform, heads, fine texture, extra large, round, slightly flat, and always sure to produce well. Packet, 5c; oz., 20c; ¼ lb., 70c.

C236 Sonderegger's Improved Danish Ballhead

(100 days) Excellent market size, not too large. Very hard, almost round, fine grained and juicy, will weigh one-fourth more than heads of the same size in other varieties. For main and late crop. Packet, 10c; oz., 30c; ¼ lb., 98c; postpaid.

C223 Golden Acre (65 days) Early, heads very solid, 6 to 8 inches in diameter, 3 to 4 pounds. Very fine grained, and of excellent quality. I recommend it for summer use. Packet, 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; postpaid.

C238 Premium Late Flat Dutch

(100 days) One of the best for market; immense, solid, uniform heads from 10 to 12 pounds each, very late, and good for storing. A leader for sauerkraut. Packet, 5c; oz., 20c; ¼ lb., 60c; postpaid.

C226 Early Copenhagen Market

(70 days) Short stem, few outer leaves, heads round and very solid, from 3 to 4 pounds in weight, and of fine quality. An early, dependable cabbage, and for the market grower a good shipper. Packet, 7c; ½ oz., 20c; oz., 30c; ¼ lb., 85c; postpaid.

C228 Sonderegger's Summer Ballhead

Perfectly round, solid, very good midseason cabbage; good for sauerkraut. Should be in every planting. Packet, 10c; oz., 30c; ¼ lb., 98c; postpaid.

"BIG 3" CABBAGE COLLECTION C227

1 PACKET OF EACH:
GOLDEN ACRE
SONDEREGGER'S SUMMER
BALL HEAD.
LATE FLAT DUTCH.

ALL FOR **17c** POST-PAID.

Photo lower left:
JUST-RIGHT
CABBAGE

CAULIFLOWER

Sow early in hotbeds or flats. When plants are large enough transplant 3 inches apart. Plant in the open 2½ feet apart when the ground is warm.

C246 Sonderegger's Improved Earliest Dwarf

(95 days) Heads 6 to 8 inches in diameter, compact, uniform in size, fine grained and pure white. For fall crop sow in May. Packet, 20c; ¼ oz., 65c; oz., \$2.10; postpaid.

C248 Early Snowball (90 days) Heads compact, fine grained. This is imported seed, finest quality, true to name. Packet, 20c; ¼ lb., 65c; oz., \$2.25; postpaid.

C250 New Danish Giant (130 days) Resists the dry weather fairly well, and with occasional watering in dry times it will do well. Extra large, the finest for late crop. Packet, 15c; ¼ oz., 60c; oz., \$2.10; postpaid.

Kohlrabi CAULIFLOWER

CHINESE CABBAGE

C222 Celery

Cabbage Easy to grow; sow in July for fall use. Light frost in fall does not hurt these plants. It is a most delicious vegetable for cooking, for salads or cold slaw. Makes oblong solid heads. Packet, 10c; oz., 35c; 1/4 lb., \$1.00; postpaid.

C244 Mammoth Red Rock

Cabbage The finest, surest heading sort of Red Cabbage, of extra fine quality. Packet, 10c; oz., 30c; postpaid.

KOHLRABI

C342 Early White Vienna

(60 days) For your home garden or market a fine Kohlrabi, 3 to 4 inches in diameter, pure white inside, excellent quality, and easy to grow. Packet, 7c; oz., 25c; 1/4 lb., 50c; postpaid.

C344 Early Purple Vienna

(60 days) Much like the white variety listed above; however, of bluish purple color outside, with white flesh. Cook Kohlrabi the same as cabbage or turnips. Packet, 5c; oz., 20c; 1/4 lb., 50c; postpaid.

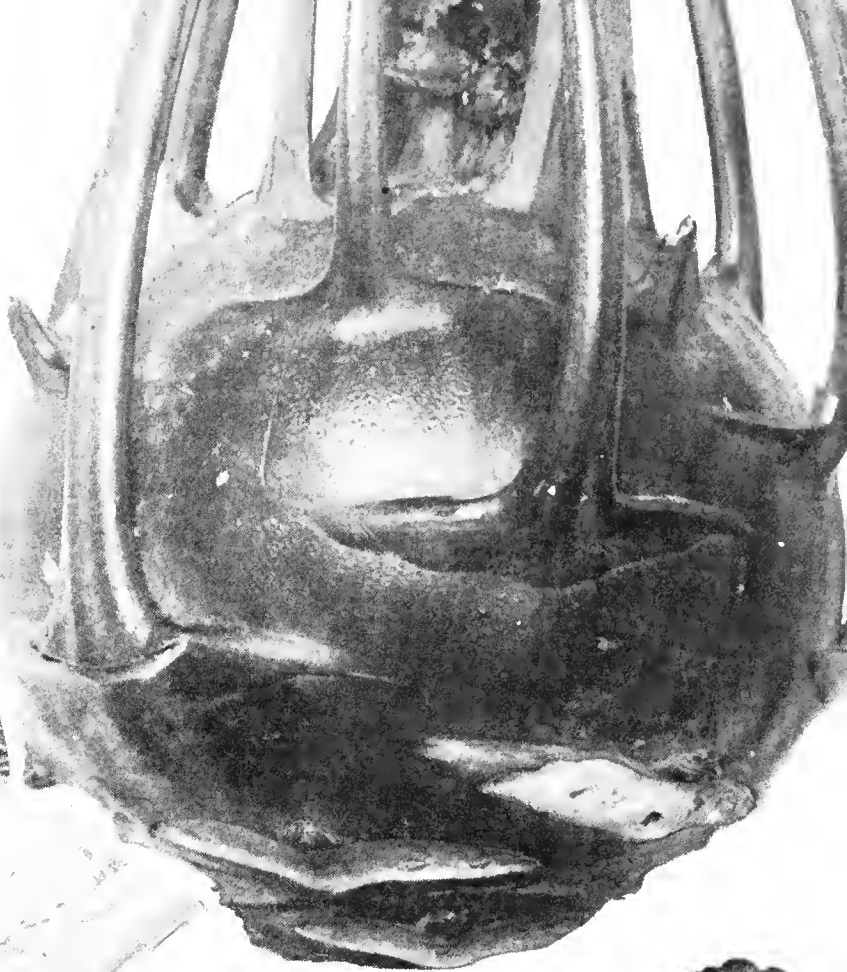


Photo above: E A R L Y
WHITE VIENNA KOHL-
RABI.

SWEET CORN

Plant Sonderegger's
Better Strains

C292 Sonderegger's Early Golden

(65 days) After many years of careful selection, I have developed this Sweet Corn. It has proven to be one of the finest sorts of Sweet Corn for the Middle West. Stalks of medium height, ears 7 to 9 inches long, well filled with large golden yellow kernels which are unusually sweet. Extra early, fine for table use and canning. Packet, 10c; 1/2 lb., 20c; lb., 35c; 3 lbs., \$1.00; postpaid.

C305 Golden Cross Hybrid

Stalks about 6 ft. tall, with one or two nice ears per stalk, 7 to 8 inches long, with 10 to 14 rows of medium sized kernels, of yellow color, and finest quality. For heavy production I recommend this Sweet Corn. Packet, 10c; 1/4 lb., 15c; lb., 50c; postpaid.

C304 Sonderegger's Im- proved Early Evergreen

(70 days) 7 to 8 inch ears, well filled with sweet kernels, tender, very fine for table use or canning. Packet, 8c; 1/2 lb., 20c; lb., 35c; 3 lbs., \$1.00; postpaid.

C306 Country Gentleman

(70 days) Very productive, kernels irregular, very deep, pure white and very sweet. Ears 9 inches long. A very good variety. Packet, 5c; 1/2 lb., 20c; lb., 35c; 3 lbs., \$1.00; postpaid.

C308 Stowell's Evergreen

(80 days) Much used by the canning factories, also fine for drying. Large ears, tender, and sweet. Packet, 5c; 1/2 lb., 18c; lb., 30c; 3 lbs., 85c; postpaid.

C296 Sonderegger's Earliest

(60 days) Very large ears with pearly white kernels of finest quality. Where seasons are short or where extra early crops are desired plant this corn. Packet, 8c; 1/2 lb., 18c; lb., 30c; 3 lbs., 85c; postpaid.

POP CORN

C310 South American Dynamite

The genuine strain, large ears, large kernels, yellow, and light creamy yellow when popped. Extra fine quality. Be sure to include this corn in your planting. Packet, 5c; 1/4 lb., 10c; lb., 30c; 3 lbs., 75c; postpaid.

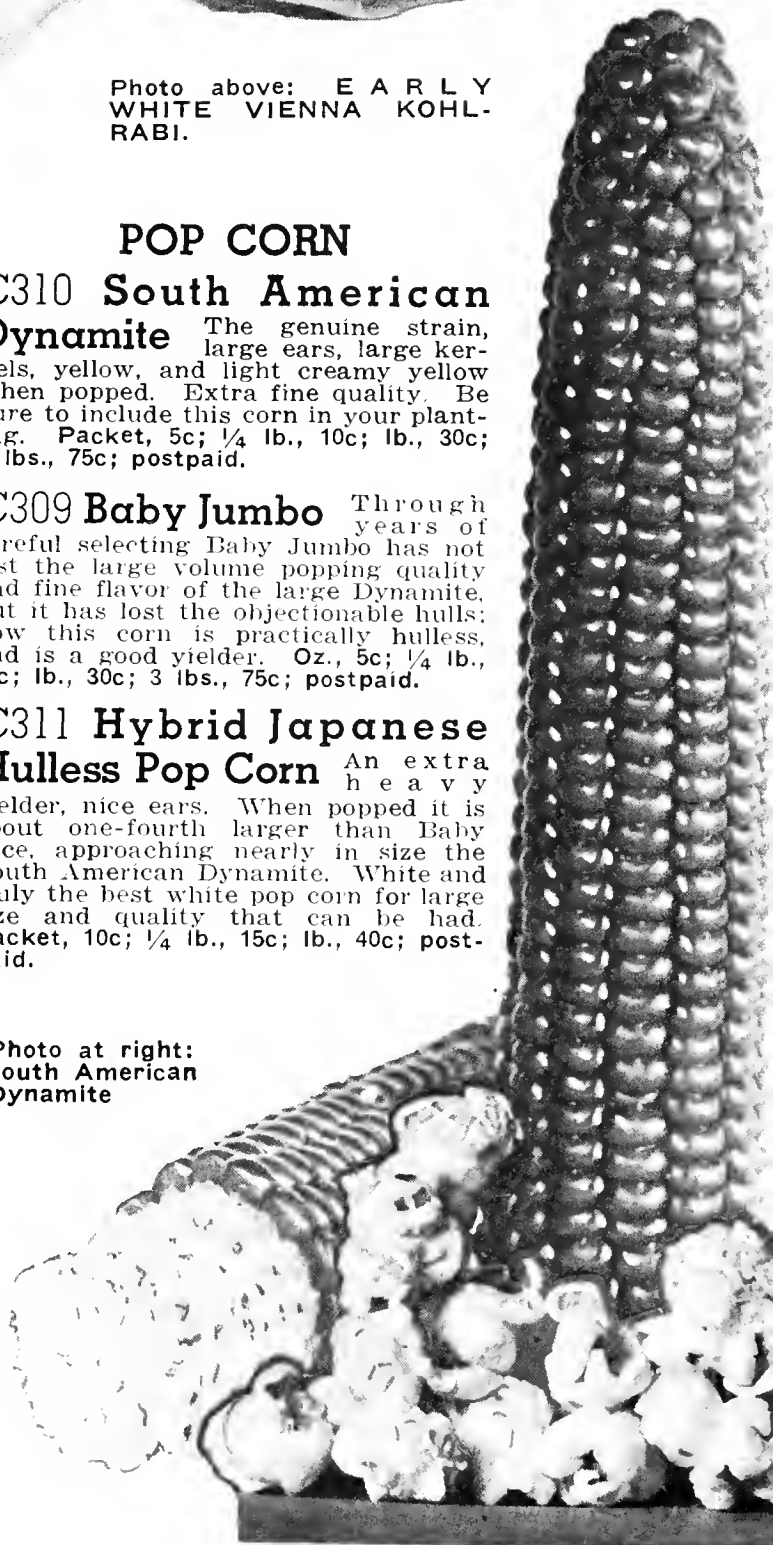
C309 Baby Jumbo

Through years of careful selecting Baby Jumbo has not lost the large volume popping quality and fine flavor of the large Dynamite, but it has lost the objectionable hulls; now this corn is practically hullless, and is a good yielder. Oz., 5c; 1/4 lb., 12c; lb., 30c; 3 lbs., 75c; postpaid.

C311 Hybrid Japanese Hulless Pop Corn

An extra heavy yielder, nice ears. When popped it is about one-fourth larger than Baby Rice, approaching nearly in size the South American Dynamite. White and truly the best white pop corn for large size and quality that can be had. Packet, 10c; 1/4 lb., 15c; lb., 40c; postpaid.

Photo at right:
South American
Dynamite



"BIG 3" SWEET CORN COLLECTION C307

1/4 POUND OF EACH:
SONDEREGGER'S EARLIEST, SONDEREGGER'S
IMPROVED EARLY EVERGREEN and SONDEREG-
GER'S EARLY GOLDEN. ALL THREE FOR

23c

POSTPAID.



Sonderegger

CUCUMBERS

Special varieties for

**C321 The Barteldes Cucum-
ber** (65 days) Dark green, white spine,

excellent quality. At its best when 6 to 8 inches long. Fine for slicing and pickling. Packet, 10c; oz., 15c; ¼ lb., 35c.

C327 "Straight 8" Cucumber

(58 days) A grand Cucumber, uniform size, slender, 8 inches long, dark green and smooth. Very good. A new Cucumber. Packet, 10c; oz., 15c; ¼ lb., 35c; postpaid.

C324 Improved Long Green

(70 days) For home use and market, making delicious pickles when small. Crisp, of fine flavor. 9 inches long, dark green. Packet, 7c; oz., 12c; ¼ lb., 30c; lb., 90c.

C320 Davis Perfect (50 days)

About 10 inches long, slim, slightly pointed, dark, glossy green color. Very tender, crisp, with finest flavor. One of the very best for the Middle West. Packet, 5c; oz., 12c; ¼ lb., 25c; lb., 90c; postpaid.

C330 New Everbearing (55 days)

A small early Cucumber, short and thick, of superior quality for pickles. Continues to bear until frost. Packet, 5c; oz., 10c; ¼ lb., 25c; lb., 90c; postpaid.

C332 Chicago or Westerfield

Pickling (68 days) Special for pickles, and much in demand for that purpose. Medium length, pointed at both ends, large prominent spines, deep green color. Packet, 5c; oz., 10c; ¼ lb., 25c; lb., 90c; postpaid.

C328 Early Cluster (50 days)

Hardy, vigorous vines bearing clusters of 2 and 3 short, thick, dark green Cucumbers, crisp and tender; very fine for pickles. Packet, 5c; oz., 12c; ¼ lb., 30c; lb., 90c; postpaid.

C325 My "Big 3" CUCUMBER

COLLECTION "Straight 8," Improved Long Green Chicago Pickling, the three best for home garden. (Regular price 22c.) 17c postpaid.

MUSKMELONS and CANTALOUPEs

C395 Sonderegger's Earliest (82 days) Melons netted, slightly ribbed, weight about 3 pounds each. Flesh deep yellow, very sweet, and melting. One of the best for Middle West and North. Packet, 10c; oz., 20c; ¼ lb., 35c; lb., 90c; postpaid.


C392 Sugar Rock (85 days) Melons oval, medium to large size, flesh golden yellow, very thick, juicy, unusually sweet. Very good market melon. Packet, 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

C387 Delicious (90 days) Of the Rocky Ford type, but slightly oblong, heavily netted. Flesh light green with gold lining, very sweet with small seed cavity. Packet, 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

C390 Rocky Ford (90 days) Flesh greenish-white, very juicy and rich. Medium size, almost round. The old standard market sort. Packet, 5c; oz., 10c; ¼ lb., 25c; lb., 70c; postpaid.

C388 Hale's Best (86 days) It is a mid-season variety and is claimed to be free of mildew. It is medium size, oval in shape with thick, deep colored flesh and small seed cavity. Packet, 8c; oz., 15c; ¼ lb., 40c; postpaid.

C389 Bender's Surprise (90 days) Highly recommended for home use and market. 5 to 7 pounds, distinctly ribbed, greenish-yellow when ripe. Flesh bright salmon, fine quality. Packet, 8c; oz., 12c; ¼ lb., 30c; lb., 90c.



The Muskmelon at the left is a Sonderegger's Earliest, a splendid variety for the Middle West. The above picture was sent to me by a customer; it shows what good seeds will do. Complete planting instructions on every packet you order.

MELONS · SQUASH · PUMPKINS

C614

Improved Warty
Hubbard Squash

(110 days) Sweet, well
flavored with dry meat.
Very dark green
shell, hard and
warty, a good
winter keep-
er. Packet,
5c; oz., 10c;
¼ lb., 25c;
lb., 85c;
postpaid.

best results in every locality

PUMPKINS

C538 Large Sweet Cheese

(110 days) Large, flattened fruit that keeps well; cream color; flesh yellow, thick and very tender; highly productive. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 70c; postpaid.

C542 King of Mammoth (120 days)

Flesh and skin of bright golden-yellow color, fine grained, of very good quality. One of the largest in size, often up to 100 pounds. Packet, 5c; oz., 15c; ¼ lb., 25c; lb., 90c; postpaid.

C544 Small Sugar (115 days)

The "Sweet Pumpkin." About 10 inches in diameter, averaging 4 pounds in weight. Deep orange yellow skin, flesh fine grained of excellent quality. A very good keeper. Packet, 5c; oz., 10c; ¼ lb., 25c; lb., 80c; postpaid.

C546 Field Pumpkin (120 days)

This is the old Connecticut variety, medium size, up to 15 pounds, orange yellow; good flavor. One of the best for kitchen use. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 65c; postpaid.

C610 Cushaw

For description and price, see opposite page under Squash. There has always been some disagreement as to whether Cushaw is a squash or a pumpkin, but all experts agree Cushaw is of first class in whichever class you put it.

WATERMELONS

C404 Tom Watson (90 days)

Extra long, tough but thin rind, good shipper. Deep red flesh to within an inch of the rind. Good producer. Packet, 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

C409 Early Kansas (85 days)

An outstanding variety of large size, dark green with lighter stripes. Flesh is a rich red color of delightful flavor. Packet, 7c; oz., 12c; ¼ lb., 25c; lb., 75c; postpaid.

C412 Stone Mountain

(85 days) Almost round, large, rich, sweet, scarlet flesh; very fine. Packet, 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

C407 New Irish Gray

(90 days) Yellowish gray, large melons. Good shipper, quality excellent. Packet, 5c; oz., 15c; ¼ lb., 25c; lb., 75c; postpaid.

C406 Cole's Early (80 days)

For the North where seasons are short. Flesh bright red, crisp and sweet, fine flavor, medium size. Packet, 5c; oz., 10c; ¼ lb., 18c; lb., 60c; postpaid.

C408 Kleckley's

Sweet (85 days) Oblong, dark green, very productive. For Nebraska, one of the best. Flesh dark red, very sweet, solid and stringless. Packet, 5c; oz., 10c; ¼ lb., 25c; lb., 70c; postpaid.

C410 New Striped

Klondike (90 days) An outstanding new variety averaging 25 pounds; light green, striped dark green; stands shipping well. Flesh deep red, sweet and stringless. Packet, 10c; oz., 12c; ¼ lb., 25c; lb., 75c; postpaid.

SQUASH

C604 Pink Banana Squash (120 days)

About 2 feet long, bears well, a good keeper, very good quality. Packet, 8c; oz., 15c; ¼ lb., 35c; lb., \$1.30 postpaid.

C603 Sonderegger's Table Queen

(58 days) Finest baking squash; also fine for pies; 6 to 8 inches long, thick; dark green, hard and smooth; a good keeper and produces heavily. Packet, 8c; oz., 15c; ¼ lb., 35c; lb., \$1.25; postpaid.

C610 Cushaw Squash (112 days)

Always large, mottled green and white, solid and heavy. Fine grained, sweet. Exceptionally good quality. Some people class Cushaw with pumpkins. Packet, 5c; oz., 15c; ¼ lb., 30c; lb., 90c; postpaid.

C606 Giant Summer

Straightneck (55 days)

Heavily warted, meat lemon yellow, fine quality. 16 inches long, running 3 pounds in weight; used when young. Packet, 5c; oz., 15c; ¼ lb., 30c; lb., \$1.00; postpaid.

C616 Golden Hubbard

(105 days) Orange red, flesh deep color, and the quality is very good. Medium size. Packet, 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

C603 Golden Table

Queen Fruit when ripe is of golden color, of uniform size, shape and thickness of flesh. Packet, 10c; oz., 20c; ¼ lb., 45c; postpaid.



"Big 4" Watermelon Collection

Melons in the picture: Lower left—Stone Mountain; lower right—New Striped Klondike; upper left—Tom Watson; upper right—Kleckley's Sweet. One packet of each variety, all for only 22c, postpaid.

LETTUCE of every kind

The Finest Head Lettuce

C210 Chicory Note photo at the left. The young crown buds, consisting of young leaves, are cut and make a most delicious dish of salad. In Europe the roots are also used for a special preparation of coffee substitute. Cultivate and sow Chicory same as parsnips. Packet, 5c; oz., 20c; 1/4 lb., 40c; lb., \$1.50; postpaid.

C218 Garden Cress A pungent early green salad, containing much iron, and therefore a special health builder. This is a special variety that can be grown in most any ordinary garden soil. Sow Garden Cress early, just as soon as you can work the ground; sow it thick, cut when 3 inches high. Packet, 5c; oz., 15c; 1/4 lb., 40c; postpaid.

CORN SALAD

C216 Field Salad Known under many names, such as Acersalad, Rapunzchen, etc. Large leaved. During winter and early spring a tasty substitute for lettuce. It is picked when 2 inches high, and is sown thick, in rows or broadcast. Packet, 7c; oz., 20c; 1/4 lb., 40c; lb., \$1.15; postpaid.

ENDIVE

C286 Green Curled Endive (40 days) Endive does well most anywhere, lasts well in the fall; for a delicious salad very good. Sown in mid-summer for fall crop. This is the curled variety. Packet, 5c; oz., 20c; 1/4 lb., 35c; postpaid.

C290 Giant Fringed Winter (40 days) Best for late planting, large leaves, very curly, of fine flavor, keeps well. Packet, 7c; oz., 20c; 1/4 lb., 35c; postpaid.

C288 Broad-Leaved Batavian (45 days) Large summer variety, very good. Packet, 5c; oz., 15c; 1/4 lb., 30c; postpaid.

C352 Improved Hanson (47 days) One of the most reliable, sure-heading sorts. Heads globular, but later than my Sonderegger's Extra Early Head. The two together make you an extra long season of fresh lettuce. I recommend them for the Middle West. Leaves large, broad, fairly blistered and crimped. Color light green, fine quality. Withstands warm weather pretty well. Also an excellent lettuce for August planting. Packet, 7c; oz., 15c; 1/4 lb., 30c; lb., 90c; postpaid.

C354 Sonderegger's Butter-head (45 days) Best all around lettuce, extra good for forcing and summer use, as it resists the heat fairly well. Can be grown most anywhere. Quality as good as the best. Packet, 10c; oz., 20c; 1/4 lb., 35c; lb., \$1.00; postpaid.

C357 Cosberg A large curled heading lettuce, with dark green leaves. Medium sized heads, very solid, sweet and tender. Adapted for the Middle West. Packet, 10c; oz., 25c; 1/4 lb., 40c; lb., \$1.40; postpaid.

C366 Early Curled Simpson (35 days) One of the most widely used varieties of lettuce, especially for home use. It is early, hardy, dependable. Makes large-crimpled leaves forming a compact bunch at the center of the plant. Makes no heads. Leaves tender, sweet, of light green color, and excellent quality. Plant this variety to give you lettuce for use before head lettuce could be ready to use. Packet, 5c; oz., 12c; 1/4 lb., 30c; lb., 90c; postpaid.

C367 Black Seeded Simpson Grown extensively where a non-heading (bunching) lettuce is required. The plants grow quickly to a large size. Outer leaves light yellowish green, crisp, of fine texture, and exceptionally fine flavor. Early and good quality. Packet, 5c; oz., 12c; 1/4 lb., 30c; lb., 90c; postpaid.

C350 Sonderegger's Extra Early Head A splendid new lettuce for home use as well as the market. Heads are of medium size, solid, round; the leaves are light green, outer leaves slightly tinged brown, and inner leaves bright yellow. A lettuce that is rich in flavor, buttery, crisp and tender. Hardy as well as extra early, and can be sown early as it resists frost. Where head lettuce must be early maturing in order not to come into hot weather, this lettuce is as good as the best. Packet, 10c; oz., 25c; 1/4 lb., 35c; lb., \$1.25; postpaid.

C358 Prizehead This is an early loose heading lettuce, most desirable for home use. Heads of medium size, crisp and tender. Color light brown on a medium green base. Leaves crimped with highly fringed edges. The best brown-leaved lettuce for the Middle West. Packet, 5c; oz., 12c; 1/4 lb., 30c; postpaid.

"BIG 3" LETTUCE COLLECTION

1 packet of each:
Early Curled Simpson
Sonderegger's Extra Early Head
Improved Hanson

All for **17c** Post-paid.

Lettuce is a cool weather plant. Sow seed early, or in hotbeds or cold-frames. (See page 67.) Transplant as early as frost is out of ground, or thin out as soon as the seedlings are 2 to 3 inches high. Should stand 8 to 10 inches apart. For fall make a sowing in August, I can furnish fresh seed in the summer.

Photo: Sonderegger's Extra Early Head. One of the best.

CHICORY

Everything in ONIONS

C440 Yellow Globe Danvers (120 days) Yellow, large onions of globe shape. They are very solid, white meated. A very good onion for market and home. Packet, 5c; oz., 20c; ¼ lb., 50c; lb., \$1.70; postpaid.

C450 Yellow Bermuda Of straw-colored, and very mild. My seed is the true Teneriffe-grown strain, very early, even in the North; highly productive. Packet, 7c; oz., 25c; ¼ lb., 70c; lb., \$2.40; postpaid.

C436 Large Red Globe (110 days) Probably the first of all Red Onions. Bulbs perfectly round, of good size, and with small neck. Color deep purplish red. Flesh white, tinged pink, with good strong onion flavor. Very productive, and a good keeper. Packet, 7c; oz., 30c; ¼ lb., 75c; lb., \$2.65; postpaid.

C446 Large White Globe (120 days) Immense yielder, keeping until late fall, and is of finest quality, very large. Packet, 10c; oz., 30c; ¼ lb., 85c; lb., \$3.25; postpaid.

C435 White Pearl The best onion to use with pickling cucumbers, or or pickling alone. Very early, bulbs small, silvery white, from 1½ to 1¾ inches in diameter. For pickles they are used when half grown. They are mild. Packet, 10c; oz., 25c; ¼ lb., 65c; lb., \$2.50; postpaid.

ONION SETS

	Not Prepaid	Prepaid
	1 lb. 10 lbs. Per lb.	
C458 White, nice sets...30c	\$2.65	22c
C460 Red Onion Sets...25c	2.40	18c
C462 Best Yellow Sets...25c	2.25	18c
C464 White Multiplier...30c	2.65	22c

C472 Winter Onion Sets Plant them in the fall. I can furnish them at that time or in the spring. The fall planted sets produce very fine green onions for early spring use. The spring planting makes good top sets by fall. Everybody who cares for onions should have this variety in the garden. Per pound, 25c; 5 lbs., 80c; postpaid.

C432 Sonderegger's Prizetaker

Be sure to include this variety in your planting. The onions grow quite large from seed, of globe shape (note photo lower right), and light straw color. Flesh pure white, of finest quality, rather mild. Wonderfully productive, and keeps well for winter use or late market. Take your onions up as soon as the tops are dry. Packet, 10c; oz., 25c; ¼ lb., 60c; lb., \$2.00; postpaid.

C448 Silver Skin or White Portugal

(95 days) Large flat onion (note photo lower left) of pleasant flavor, mild, and keeping well. For winter use, for pickles, and for bunching you will like them. Packet, 10c; oz., 25c; ¼ lb., 65c; lb., \$2.25; postpaid.

C453 White Sweet Spanish

The largest of the white onions. Bulbs globular with small neck, pure white, flesh clear white, firm and mild. Very attractive and fair keeper. Packet, 10c; oz., 25c; ¼ lb., 65c; lb., \$2.25; postpaid.

C434 Large Red Wethersfield

(100 days) Flat in shape, growing to a large size. Outer skin is red, while the center is purplish white. An onion of excellent quality, and a good keeper. Packet, 5c; oz., 15c; ¼ lb., 60c; lb., \$1.85; postpaid.

C473 Bermuda Onion Plants

Plant as soon as the ground is warm. My special new strain is far superior to the common Bermudas, being milder, and making fine onions at all times, from green onions to large finished bulbs. Bundles containing from 75 to 100 plants. Per bundle, 20c; 5 bundles, 80c; 10 bundles, \$1.60; postpaid. On plants per crate please write for price.

C748 Garlic

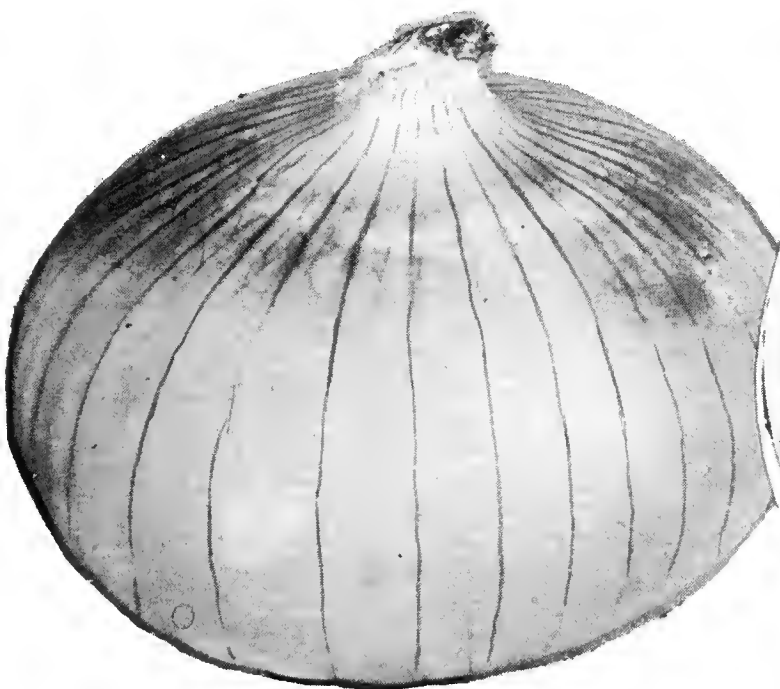
Very pungent. Grown for seasoning. Large bulbs (break them up to sets). 5c each; ¼ lb., 12c; lb., 40c; postpaid.

C346 Leek

The large London variety. Mild, for flavoring soups, or cooked like creamed onions. Packet, 10c; oz., 30c; postpaid.



Above: Bermuda Onions, easy to grow. Within a short time after planting they are in fine shape to use.



Silver Skin (C448). One of the finest onions of the white type for all around use that you can grow.



Sonderegger's Prizetaker (C432). Easy to grow from seed to a nice medium size; best in quality and long keeping.

FOR SALE
Health

CELERY SPINACH

CELERY

C272 Sonderegger's Self-Blanching

(118 days) One of the very best for the Middle West, as it resists heat and drought well. Medium in height, stocky, and very compact. Foliage yellowish-green. Stalks very solid, broad and of delicate flavor. Blanches very early by wrapping plants with paper and banking up with soil. Keep the bed moist. Packet, 10c; 1/2 oz., 30c; oz., 45c; postpaid.

C276 Giant Pascal (140 days) Of all late sorts, this is the best keeper. Very solid and crisp; the preferred variety for the market. Packet, 10c; 1/2 oz., 25c; oz., 40c; postpaid.

C274 Golden Self-Blanching

(120 days) The leading early market sort. Stalks are broad and heavy, the quality is very outstanding. Ribs are perfectly solid, crisp, brittle and of delicious flavor. For home use I recommend this variety and No. 272; for market I would prefer No. 274. Packet, 10c; 1/2 oz., 20c; oz., 35c; postpaid.

CELERIAC

C282 Sonderegger's Best (120 days) A new Celeriac with large white roots, very smooth. The best in quality and flavor. Grow celeriac in the shade with plenty of moisture; in transplanting the seedlings, plant very shallow and mulch with short straw or Peat Moss. Water frequently. Packet, 10c; oz., 35c; postpaid.

PARSLEY

C474 Champion Moss Curled (65 days) One of the best for home use; leaves extra large, deep rich green, very curly. Packet, 7c; oz., 15c; 1/4 lb., 25c; postpaid.

C478 Hamburg (100 days) Turnip-rooted; of this variety the roots as well as the tops are used. Should have a shady bed and frequent watering. Packet, 7c; oz., 15c; 1/4 lb., 25c; postpaid.

KALE or BORECOLE

C110 Dwarf Green Curled

One of the best for market. Stands the hot weather well, and is at its best after frost in the fall. Packet, 10c; oz., 25c; 1/4 lb., 80c; postpaid.

C112 Dwarf Purple Curled

The leaves turn a deep purple, in best shape after frost in late fall; a very good variety for home use. Packet, 7c; oz., 20c; 1/4 lb., 60c; postpaid.

C114 Tall Green Curled

Scotch The quality is much improved by fall frost; can also be dried for winter use. This is the tall growing sort with green leaves. Packet, 10c; oz., 20c; 1/4 lb., 60c; postpaid.

SPINACH

An entire drug store could not contain more for the best of your health as fresh vegetables. Amongst them, and on first place, stands Spinach. Grow more of it, eat more of it; let vegetables preserve your health.

C592 Victoria (50 days) Heavy, broad, dark green leaves. Fine quality. This spinach remains in prime condition for several weeks. Packet, 5c; oz., 10c; 1/4 lb., 20c; lb., 50c; postpaid.

C594 Long Standing (50 days) This is a good bearing variety and of very fine quality. The chief advantage, however, is the fact that it does not go to seed until quite late in the producing season. Packet, 5c; oz., 12c; 1/4 lb., 20c; lb., 45c; postpaid.

C192 Swiss Chard (28 days) Also called Mangold. Produces immense quantities of light green leaves from spring until late fall. Even early frost does not affect Swiss Chard, and where the winters are not very severe a cover of straw over winter will get Swiss Chard through in good shape. This plant belongs to the beet family, but is used only for its leaves which are prepared same as spinach, and differ only in the lighter color. Packet, 5c; oz., 10c; 1/4 lb., 25c; postpaid.

C596 New Zealand or Ever-bearing

Boys and girls, this is "Popeye's" favorite dish. You make no mistake whenever you fill up on this spinach. New Zealand is slow to germinate, requiring from two to three weeks to come up, but after that it makes a rapid growth. Furnishes enormous quantities of fresh, clean leaves all through the summer until frost in the fall. Cut off the fresh branches and strip the leaves from those for kitchen use. A bed of this variety should be in every garden. Plant when danger of freezing is over. Hot weather does not bother this spinach. There is no other plant that would resist heat and drought so well. It is not attacked by insects. Packet, 8c; oz., 12c; 1/4 lb., 25c; lb., 75c; postpaid.

C591 King of Denmark The leading market variety. The large leaves are very thick, rounded, dark green, and blistered. The plants form quite large tufts, compact and low. Quite early but still remains in fine condition for some time and assures a long bearing season. Packet, 5c; oz., 15c; 1/4 lb., 20c; lb., 50c; postpaid.

SONDEREGGER'S SELF-BLANCHING CELERY, AND KING OF DENMARK SPINACH, TWO FINE VEGETABLES THAT YOU WILL ENJOY.

PEPPERS

EGG PLANT

C284 Spineless See photo page 64. This is the improved Spineless variety, the best for home use or market. The plant is spreading, bearing well. The broad, oval, dark purple, glossy fruits are of superior quality. For the table peel and slice the fruit, boil until tender, drain off water, add 1 egg well beaten and ¾ cup dry bread crumbs, salt and pepper to taste. Mold in small cakes and fry brown on both sides. Serve hot. Packet, 10c; ½ oz., 25c; oz., 45c; postpaid.

PEPPER

C525 Harris Early The earliest for use, and a heavy bearer, fruit medium to large size, dark red when fully ripe, and very sweet. Fine for stuffed peppers and salads. Packet, 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.35; postpaid.

C522 Sonderegger's New Royal Note photo at lower left corner. Exceptionally thick meated, very mild, perfectly sweet and free from pungency. Can be eaten like apples. Plant bears well, an excellent pepper for home use or for market. Packet, 15c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.35; postpaid.

C524 Chinese Giant Extra large fruit with thick flesh which is mild and sweet, of scarlet color. Plant a strong grower and heavy bearer. Packet, 8c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.35; postpaid.

C532 Sonderegger's Perfection Pimiento Thick meated, extra mild and delicious. Smooth, uniform in shape, skins slip off easily after being burned lightly over a flame or boiling a few minutes. Beautiful scarlet when fully ripe, and bears well until frost in the fall. This pepper should be in every garden. Packet, 15c; ½ oz., 25c; oz., 35c; postpaid.

C528 Red Cayenne—"Hot" A long, slim pod, bright red when ripe. Very strong and pungent; used for flavoring in pickles, chili sauce, etc. Packet, 8c; ½ oz., 25c; oz., 40c; postpaid.

TURNIPS

One ounce of Turnip seed will sow 125 feet of drill; 2 pounds of seed per acre, or 3 pounds if sown broadcast. Sow in July or August.

C656 Extra Early Purple Top Milan (40 days) Medium size, smooth, leaves short and few. Fine grained, very good quality. Packet, 5c; oz., 12c; ¼ lb., 25c; lb., 75c; postpaid.

C658 Extra Early White Milan (40 days) A duplicate of the above variety, except that the skin is white. Packet, 5c; oz., 12c; ¼ lb., 20c; lb., 75c; postpaid.

C660 Early White Flat Dutch (45 days) Medium size, sweet and tender, very fine quality. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 75c.

C662 Purple Top Strap Leaf (58 days) Few leaves, the turnip keeps well. It is round, flat, good size and quality. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 65c; postpaid.

C664 Early Snowball (65 days) Globe shaped, white skinned, very fine grained, and of good flavor. Extra good for main crop. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 65c; postpaid.

C668 Golden Ball (70 days) Small but very good in flavor and firmness. It is yellow. Packet, 5c; oz., 15c; ¼ lb., 25c; lb., 75c; postpaid.

C666 Purple Top White Globe (70 days) Firm, fine grained, white and of fine flavor. Keeps well, and produces heavily. One of the best for market. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 65c; postpaid.

RUTABAGA or SWEDES

Recommended for Northwest and East.

C672 Sweet German (90 days) Pure white, very good, and mild. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 70c; postpaid.

C676 Purple Top Yellow Best yellow meated, good keeper. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 65c; postpaid.

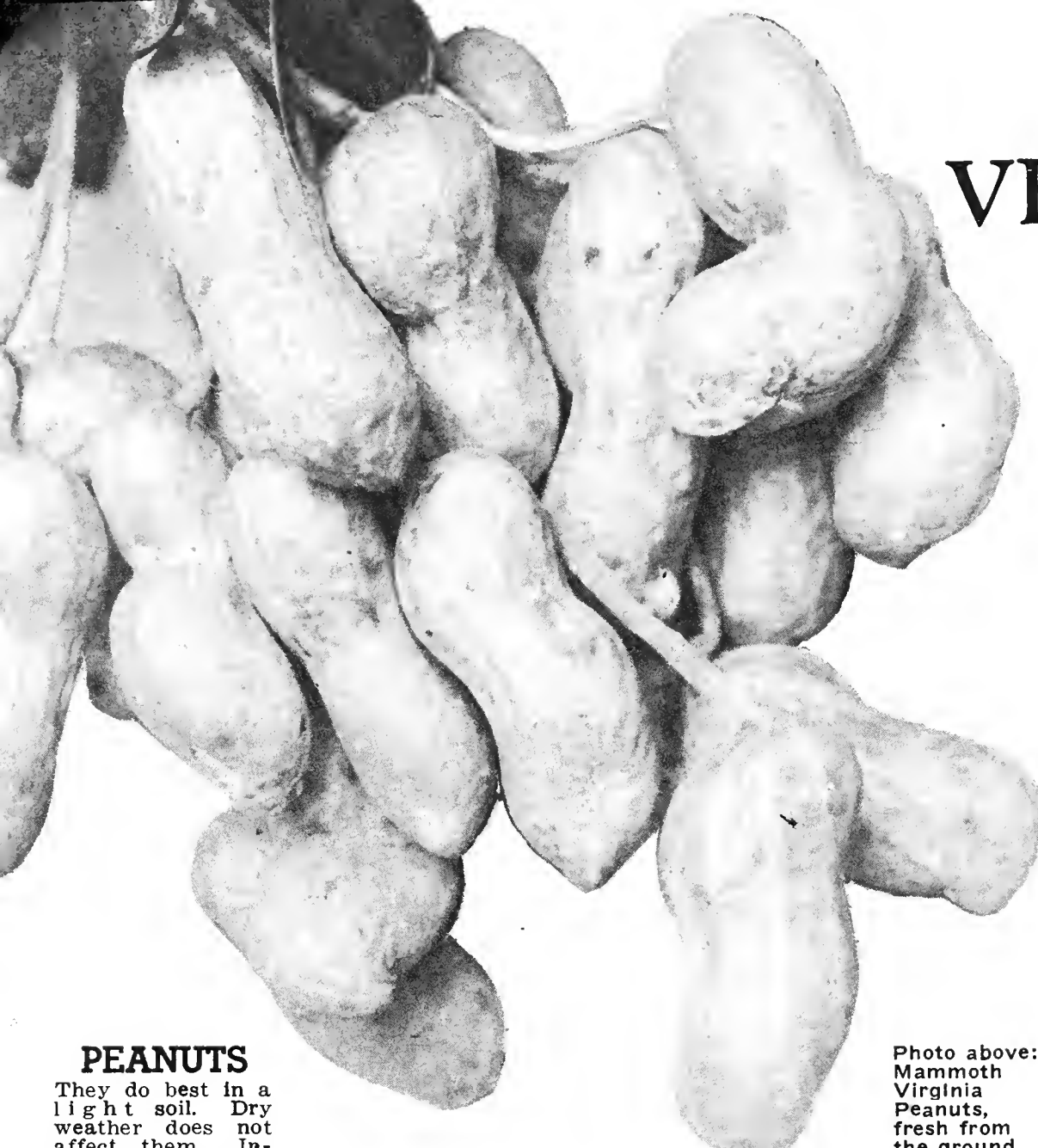
PURPLE TOP
YELLOW RUTABAGA



SONDEREGGER'S
NEW ROYAL PEPPER



Purple Top White Globe Turnip.



PEANUTS

They do best in a light soil. Dry weather does not affect them. Insects don't bother Peanuts. Take them up, tops, Peanuts and all just before frost in the fall. Allow them to dry out in the air. Plant in rows, 4 feet apart, the nuts in the drill row 8 inches apart. Peanuts are very easy to grow, let your children have a little garden space, they will get much enjoyment out of the Peanuts they grow themselves.

C484 Mammoth Virginia

The most profitable variety to grow for home use or market, as the nuts are quite large. The plant grows erect, with upright foliage. Packet, 5c; 1/2 lb., 15c; lb., 25c; postpaid. Not prepaid, 5 pounds, 85c.

C486 Early Spanish Peanuts

The earliest variety grown, pods small, remarkably solid, and well filled. Of this variety the rows can be planted 3 feet apart. Packet, 5c; 1/2 lb., 15c; lb., 25c; postpaid. Not prepaid, 5 pounds, 85c.

ARTICHOKES

The Genuine Jerusalem Artichoke

Planted just like potatoes, cut the tubers up to weigh about an ounce each, plant in rows 18 inches apart, the rows 3 feet apart, and cultivate like corn. Plant any time in the spring as soon as the soil can be worked. This Artichoke is hardy, you can dig them in late summer or fall, or any time during the winter or next year, just as you need them. They keep best in the ground. They are used just like potatoes, for French fried or boiled with the jacket on. All your surplus makes a splendid feed for hogs. Just turn them in the field, the hogs will do their own harvesting. This plant is grown also on a large scale for commercial purposes (commercial alcohol production). Per pound, 35c, postpaid. Not prepaid, 10 lbs., \$1.00; 50 lbs., \$2.25; 100 lbs., \$4.00; 500 lbs., \$19.50; bags included.

Photo above: Mammoth Virginia Peanuts, fresh from the ground.

MUSHROOM

Simple to Grow.

Can furnish the fresh Mushroom spawn in bottles, or the dried Mushroom spawn in bricks. For fresh spawn in bottles, which are available only from time to time I wish to have an allowance of 10 days to fill your order. The bricks can be furnished any time. In old barns, caves, sheds you can grow Mushrooms for home use or for market where they usually bring good prices. Fresh spawns in bottles, \$1.10 per bottle. Brick Spawn, 50c per brick; postpaid.

C372 "How to Grow Mushrooms"

A small booklet which gives you all information for a successful planting. 50c each, postpaid.

OKRA or GUMBO

C380 White Velvet Okra

Produces extra large pods. The young seed pods of this Southern plant are used for the well known and delicious "Gumbo" soups, or with chicken soups. Its smooth, glutinous taste is much liked, a desirable vegetable. Okra is easy to grow, the plant is a vigorous grower, and resists the dry and hot weather well. Plant in the spring as soon as danger of frost is over, and transplant the seedlings later to stand 18 to 24 inches apart; cultivate like corn. Begins to furnish nice pods by midsummer. Packet, 5c; oz., 10c; 1/4 lb., 25c; postpaid.

Special VEGETABLES AND HERBS

ASPARAGUS

C106 Columbian Mammoth

White. This variety grows large, thick white and tender stalks. The market grower's favorite. Packet, 5c; oz., 15c; 1/4 lb., 25c; postpaid.

C101 Washington Asparagus

It is almost entirely rustproof. A large, thick white variety, of splendid quality. The best for the Middle West. Of this variety I can also furnish you nice strong plants, ready to start producing within a year. See page 17. Packet, 10c; oz., 15c; 1/4 lb., 45c; lb., \$1.50; postpaid.

MUSTARD

C376 White Mustard Best for salad and kitchen use. The seeds are used for making dill pickles. Packet, 5c; oz., 10c; 1/4 lb., 30c; lb., 60c; postpaid.

C378 Southern Giant Curled

Highly esteemed in the South where the seed is sown in the fall and plants used in early spring for salads. Packet, 5c; oz., 10c; 1/4 lb., 35c; lb., 60c; postpaid.

GARDEN HUCKLEBERRY

C521 This is an annual plant, similar to the true Huckleberry, the fruit being deep purple, nearly black, a little smaller than the berries of Concord Grape. Should be cooked with sugar and lemon for flavoring. It is good for preserving. Plants grow 3 feet high, and bear abundantly. Culture same as of tomatoes. Packet, 10c; postpaid.

LENTILS

C348 Belonging to the staple groceries, especially in European countries. Used very much in soups, and for winter use they are preferred to peas. Cultivation is the same as of peas. Packet, 5c; oz., 10c; 1/4 lb., 25c; lb., 75c; postpaid.

TOBACCO

One ounce of seed will make enough plants to set out an acre. Mix the soil of the seed bed with wood ashes, sow seed shallow. When plants are about 6 inches high, transplant in rows 4 ft. apart.

C598 Connecticut Seed Leaf

Best for the Middle West and Northern states. Packet, 5c; oz., 25c; postpaid.

C600 White Burley Largely grown for fine cut plug tobacco. It is a very good variety. Packet, 5c; oz., 25c; postpaid.

C602 Havana Well known, large leaved tobacco, especially adapted to the manufacture of cigars. Packet, 5c; oz., 30c; postpaid.

GARLIC

C748 Bulbs which are composed of a number of "toes" which are either used for planting, or for seasoning. It is a most pungent variety of onions, and grown for seasoning, also for medicinal purposes. Large bulb, 5c; 1/4 lb., 12c; lb., 40c; postpaid.

I can furnish you seeds most any time during the summer and fall, depending on their respective planting seasons. A stock of fresh seed is always carried on hand to fill your orders promptly.

**"IF YOU CANNOT
FIND IT
ANYWHERE
ELSE**

Sonderegger

**HAS IT"
HERBS**

FOR FLAVORING, SEASONING, MEDICINAL PURPOSES.

(A) Annual Varieties.

(P) Hardy Varieties (Perennial)

C678 Anise (A) For seasoning. Seeds of aromatic taste. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; postpaid.

C679 Artemesia Or Wormwood. (P) Fragrant, spicy odor, bitter taste. Leaves used as tonic, and poultry medicine. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; postpaid.

C682 Basil, Sweet (A) Leaves used for flavoring soups and stews. Pkt., 10c; oz., 50c; postpaid.

C684 Borage (A) Leaves used in salads. Flowers excellent for bees. Pkt., 10c; oz., 50c.

C688 Caraway (A) Seeds used for flavoring, and in bread. Pkt., 10c; oz., 25c; ¼ lb., 60c; postpaid.

C689 Chamomile The dried flowers are made to a tea, of antiseptic and emetic. Caution should be taken to avoid reseedling; pick the blossoms, then destroy the plants; they are apt to become a pest. Pkt., 15c.

C696 Dill (A) Leaves and seeds used in flavoring. Also with dill pickles. Pkt., 7c; oz., 25c; ¼ lb., 60c.

C698 Fennel (A) Leaves for garnishing, seeds for flavoring. Pkt., 10c; oz., 45c; postpaid.

C700 Lavender (A) Flowers used for making perfumes. Dried leaves in bags used to perfume linen, also against moths. Pkt., 10c; oz., 45c; postpaid.

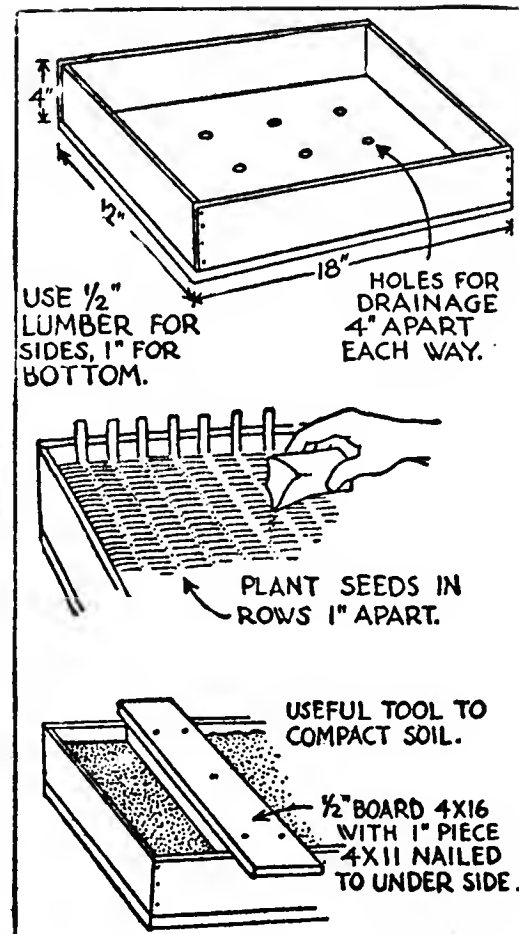
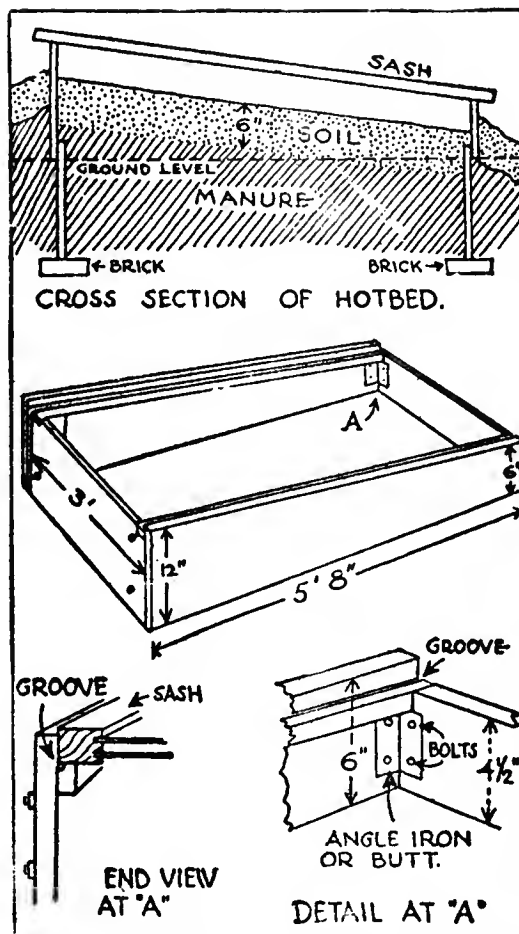
C701 Rosemary Aromatic leaves for flavoring meat. Plants reach full size the second year. Pkt., 15c; ½ oz., 45c; postpaid.

C702 Marjoram (A) Leaves and shoots may be dried for winter use. Good for flavoring. Pkt., 10c; oz., 60c; postpaid.

C703 Saffron (A) Pick flowers while in full bloom; used for coloring. Pkt., 15c; oz., 50c; postpaid.

C705 Peppermint Leaves and stems very aromatic. Pkt., 15c; ½ oz., 60c; postpaid. We have plants also, 3 for 40c, postpaid.

C706 Sage (P) Leaves for seasoning and dressing. Pkt., 10c; ½ oz., 50c; postpaid. We can also furnish plants at 30c each; 3 for 75c; postpaid.



Hot-Bed Construction

First make a frame to fit the size of your windows or hotbed sash. The back side of your frame being twelve to fourteen inches high, while the front side should be six to eight inches high. Then dig a hole to the size of your frame, same should be two feet deep, this filled with about two feet of stable manure which has not gone through the heat, and tamped and well packed. Cover this with about eight inches of good rich soil, and this should fill your hotbed to within five inches of the lower end of your frame. The ground should be smoothed off level and left for two or three days until it has had time to get warm. The seed planted, covering about one-half inch. The hotbed sash should be put on top of the hotbed. The hotbed should be made on the south side of a building or in any protected place where it gets plenty of sunlight. After your plants are started, on warm days when it is above freezing, the lower end of the hotbed sash could be raised a little to give the plants more air.

C708 Sorrel Large Leaved. (A) For boiling greens. Cooked like spinach. Pkt., 10c; oz., 40c; postpaid.

C710 Summer Savory (A) Fine flavoring for beans. Pkt., 10c; ½ oz., 40c; oz., 65c.

C711 Woodruff Or Waldmeister. (Asperula Odorata) Used in wine and also perfuming clothes. Pkt., 15c.

C712 Thyme (A) Young leaves for soups and dressings. Tea as a cure for nervous headache. Pkt., 10c; oz., 40c; postpaid.

C278 Celery Seed for Flavoring Seed of Celery that is used for seasoning only. Oz., 10c; ¼ lb., 30c; lb., \$1.00; postpaid.

HERBS—Dried Leaves

A good many of our customers find it more convenient to use the dried leaves of herbs instead of growing and curing them in the home garden. The dried leaves are not put up in less than 1 oz. packets. Prices all postpaid.

C722 Basil, Sweet. Oz., 20c; ¼ lb., 90c.
C726 Lavender. Oz., 15c; ¼ lb., 60c.
C728 Marjoram. Oz., 15c; ¼ lb., 50c.
C730 Peppermint. Oz., 15c; ¼ lb., 50c.
C732 Rosemary. Oz., 15c; ¼ lb., 50c.
C736 Saffron. Oz., 15c; ¼ lb., 50c.
C738 Sage. Oz., 15c; ¼ lb., 50c.
C740 Summer Savory. Oz., 15c; ¼ lb., 50c.
C744 Thyme. Oz., 15c; lb., 50c.
C746 Wormwood. Oz., 15c; ¼ lb., 50c.

FLOWER

CANDYTUFT

(A) C900—MIXED COLORS—Plants grow about 12 inches high. They are hardy annuals bearing many large spikes of flowers from early summer until frost.

CANNA (A)

C902—LARGE FLOWERING. Showy plants 4 ft. tall with large foliage. Handsome spikes of flowers in many glowing colors.

Giant Branching Aster

ASTERS (A)

Hardy annual plants which grow into strong, well branched bushes, 2 to 2½ feet high. Flowers large, double and fine form, blooming in early September. For early plants, start seed indoors.

GIANT BRANCHING WILT RESISTANT. This variety is very free blooming, producing double flowers of the broad petaled type. Good for cut flowers.

C798A—White.

C798C—Purple.

C798B—Crimson.

C798D—Peach Blossom.

C798E—MIXED. Pkt., 8c. Separate colors, Pkt., 10c.

C799E—GIANTS OF CALIFORNIA. Large double flowers with long curled petals growing on stems 1½ to 2 ft. long. Mixed colors. Pkt., 8c.

C814—PEONY FLOWERED. The petals of these large double flowers fold gracefully to the center. Mixed colors.

ANTIRRHINUM (A)

A very hardy annual which is admired by everyone and is easy to grow. They produce many spikes 16 to 18 inches high, closely set with large flowers which bloom all summer and fall. The following are rust-proof:

C839—APPLE BLOSSOM. Huge flowers of rosy pink with white throat.

C840—RED CROSS. Deep rich crimson.

C841—CANARY BIRD. A deep yellow.

C842—AUTUMN KING. Copper shades.

C843—MIXED. An excellent mixture of many colors.

C838—GIANT FLOWERED. A good mixture of many colors. Not rustproof.

BALSAM (A)

Attractive bushy plants with large double brilliant flowers which are produced close to the stem.

C864—MIXED COLORS.

DWARF CUP FLOWER (A)

C826—A charming annual of easiest culture. Grows about 8 inches high and produces an abundance of showy small cup-shaped flowers of a clear, lavender blue color. Very drought resistant and will bloom from midsummer until frost. Pkt., 25c.

Little Dorrit Alyssum

SWEET ALYSSUM (A)

A very fragrant edging plant which starts blooming in early summer. Excellent for rock gardens where small plants are wanted. Cut back when through blooming and it will bloom again.

C830—LILAC QUEEN. Compact plant 6 inches high, covered with deep lilac flowers. Pkt., 8c.

C831—LITTLE DORRIT. Little bushes covered with miniature white flowers which are fragrant. Pkt., 8c.

C832—LITTLE GEM. The plants are so completely covered with snow white flowers they create the impression of a beautiful white carpet.

AGERATUM (A)

Ageratums remain in flower all summer. C827—BLUE CAP. Very dwarf and compact. Leaves are small and the plants appear like miniature domes completely covered with deep blue flowers. Pkt., 10c.

825—MIDGET BLUE. Very dwarf plants with delicate fine foliage, practically smothered with true blue flowers. Pkt., 20c.

CUPHEA (A)

C910—FIREFLY. Plants are dwarf, neat in habit and very showy. The flowers are small, fiery-cerise in color, and bloom profusely all summer. Very showy for edging for rock gardens and mass plantings. Pkt., 8c.

CHRYSANTHEMUM (P)

C940—PERENNIAL MIXED.

DAHLIA (A)

Easily raised from seed and many will bloom first year. Late blooming.

D952—DOUBLE MIXED. Large double flowers in many colors. Pkt., 10c.

COREOPSIS (P)

C882—CALIFORNIA SUNBEAM. An old fashioned perennial favorite with large yellow flowers produced in great abundance from June until late in the season. 30 inches high.

Apple Blossom Antirrhinum

A—Annuals
P—Perennials

FRESH - Tested SEEDS

ALL FLOWER
SEEDS 5c
UNLESS
QUOTED
OTHERWISE

Orange King
Calendula

FOUR O'CLOCKS (A)

An old fashioned flower. Of bushy habit bearing hundreds of beautiful flowers. They do well in any good garden soil. C1012—DWARF MIXED. A good mixture of many colors. Pkt., 5c; oz., 15c. C1016—A collection of 1 pkt. each of yellow, lilac, red, rose and white. 20c.

GODETIA (A)

C1022—MIXED COLORS. Beautiful hardy annual of compact growth about 2 feet high, bearing freely large flowers of delicate shades that glisten in the sunshine like satin.

DAISIES (P)

C958—BURBANK'S GIANT SHASTA. A hardy perennial. Large pure white flowers with yellow centers. 18 inches high. C963—LONGFELLOW. Double flowers of a beautiful deep pink. C965—MAMMOTH RED. Large, bright red, double flowers, which are very hardy.

DELPHINIUM—Larkspur

Delphiniums are hardy, vigorous and free blooming. Soak the seed overnight and lime the soil where they are to be planted.

C968—TALL MIXED. Produces freely long, slender flower spikes of great beauty. The best annual Delphinium. Pkt., 7c.

C967—BELLADONA HYBRIDS. This is one of the most beautiful of the perennial Delphiniums. It has many spikes of beautiful light blue flowers. Pkt., 7c.

C974—PERENNIAL MIXED. Many flowers closely set on long spikes. Fine colors.

C972—WREXHAM. Flowers in blue, white and pink combinations. This is a giant perennial strain often 1½ inches in diameter. Fine for bouquets. Pkt., 15c.

FORGET-ME-NOT

(A) C1008—ALPESTRIS. Lovely light blue flowers covering the plants completely during the spring. Does best in semi-shade.

C1009—CHINESE BLUE. 18 inches high. Will produce during the entire summer lovely sprays of intense blue flowers.

CENTAUREA (A)

C926—GYMNOCARPA (Dusty Miller). Finely cut foliage of silvery white color. Very showy foliage plants.

C918—MIXED. Many colors mixed.

C920—JUBILEE GEM. Uniform dwarf, compact plants 10 to 15 inches high, completely covered with beautiful rich blue, double flowers. Pkt., 10c.

CALENDULA (A)

An old time hardy annual which succeeds almost everywhere. Very showy in the garden and good for cut flowers. Plants are bushy with double flowers.

C881—ORANGE KING. An extra fine Calendula producing dark orange flowers.

C883—CAMPFIRE. Deep orange with distinct scarlet sheen on the upper side of each petal.

C880—MIXED COLORS.

CARNATION (P)

For house and garden culture. Flowers are large and fragrant. Outdoor plants need protection.

C906—SONDEREGGER DOUBLE. Large double flowers which are sweet scented. Fine for house culture. Pkt., 15c.

C908—EVERBLOOMING FRENCH. Flowers are large, very double, of a rich color. Blooms in four months from seed. Pkt., 10c.

C914—GIANT MARGUERITE. Will bloom about four months after sowing, and bloom all through the summer. Flowers are large. Pkt., 8c.

COCKSCOMB (A)

Free flowering, highly ornamental plants of easiest culture. A lovely border plant. Flowers are suitable for winter bouquets.

C915—EMPRESS. Beautiful blood red combs.

C916—DWARF MIXED. A good mixture of dwarf varieties.

New
Hybrids
Aquilegia

Sonderegger
Double
Carnation

AQUILEGIA (P)

C847—NEW HYBRIDS. This strain of long spurred Columbines has made a great hit with flower growers. The flowers are large with extra long spurs. Many beautiful colors. Pkt., 15c.

C844—COERULEA. (True Rocky Mountain.) Blue sepals with white corolla. Pkt., 10c.

MORE FLOWERS

SCABIOSA (A)

Also known as Mourning Bride. Exceedingly pretty border plants. Splendid cut flowers. Bloom during the summer and fall.

C1236—DOUBLE MIXED.

C1238—BLUE BONNET (P). Very large and ruffled flowers in shades of blue. Grows 3 feet high. Pkt., 15c.

SUMMER CYPRESS (A)

C1262—KOCHIA. Globe shaped bushes with pea green slender leaves until September when they turn blood red, and are tipped with small scarlet flowers.

PORTULACA (A)

Plant in a dry, sandy soil with full exposure to sun. Blooms profusely from early spring to fall. They give a dazzling display in beds, borders and rock gardens.

C1200—SINGLE MIXED. Pkt., 5c.

C1202—DOUBLE MIXED. Pkt., 8c.

C1209—1 pkt. each of single white, pink, scarlet, yellow for 30c.

C1212—1 pkt. each of double white, pink, scarlet, yellow for 35c.

MIGNONETTE

C1074—SWEET SCENTED. A hardy annual which derives its popularity from its fragrance. The plant is of rambling, branching growth with dark green leaves. The branches bear cone-shaped spikes of closely set blossoms which are very fragrant.

LANTANA (A)

C1048—MIXED. Clusters of Verbena-like flowers in shades of yellow, orange and pink. Plants 1½ feet high and bloom from mid-summer until frost.

SWEET WILLIAM (P)

Popular hardy perennials. The broad clusters of fragrant flowers have delicately fringed petals. Will not bloom the first season from seed.

C1320—DOUBLE MIXED. Very superior, containing all colors and shades. Pkt., 10c.

C1322—SINGLE MIXED. Very choice assortment of the best single varieties.

LUPINS (P)

Magnificent plants with spikes of pea-flower like blooms during May and June. Succeed in deeply prepared, well drained, sandy soil. 3 feet tall.

C1260—MIXED. A splendid blend of the most charming colors. Pkt., 10c.

CAMPANULA

(A) C82—SINGLE MIXED. Old fashioned variety with large bell-shaped flowers.

D894—CUP AND SAUCER. Bell-shaped flowers in saucers which are nearly 4 inches across.

ESCHOLTZIA (P)

A bright free flowering plant of low spreading growth with finely cut silvery foliage. The poppy-like flowers are produced from early spring until frost. Sow seed where plants are to remain.

C1002—DAZZLER. This new variety grows erect and its flowers are a bright scarlet.

C1004—CALIFORNIA. Large yellow flowers.

Dazzler
Escholtzia

COSMOS (A)

A tall, graceful, showy annual. Blooms profusely in late summer and fall. Excellent for cut flowers. Most beautiful when planted in masses or background borders against fences.

C945—ORANGE FLARE. This very lovely orange colored Cosmos blooms profusely and early. Stems are long, making this flower ideal for cutting. Pkt., 10c.

C946—EARLY FLOWERING MIXED. All colors of the single variety.

C949—DOUBLE FLOWERING. Showy plants about 4 ft. tall covered with a mass of lovely large double flowers.

DIGITALIS

C994—THE SHIRLEY. Stately spikes growing up to 6 ft. tall, closely set with large bells in many bright colors.

DIANTHUS (A)

A lovely class of annual flowers for beds, borders and cutting. Of easy culture.

C975—SPLENDENS. The strongly sweet scented flowers are large, a brilliant crimson with a large white eye. Pkt., 5c.

C990 GRASS PINKS. The delicately fringed flowers are fragrant and fine for bouquets.

C997—SPECIAL MIXED. A splendid mixture of double pinks.

GYPSOPHILA (P)

C1024—Also called Angels' Breath and Baby Breath. Thrives anywhere and furnishes the loveliest material for all kinds of bouquets.

C1023—DOUBLE WHITE. Superior to the older hardy sorts, producing graceful sprays of tiny rose shaped flowers. Very desirable for cutting and if cut before opening may be dried and used for winter bouquets. Pkt., 15c.

HOLLYHOCK (P)

A hardy plant of upright growth suitable for a background or screen. The long spikes filled with blooms 3 inches across and growing close together make a beautiful display.

C1030—DOUBLE MIXED. Many colors. Pkt., 7c.

C1032—A collection of double white, pink, rose, crimson, yellow; 1 pkt. of each for 30c.

1028—INDIAN SPRING. Blooms the first year from an early spring sowing. Grows 4 to 5 feet tall, with long spikes of semi-double flowers which vary from pink to crimson in color. Pkt., 15c.

Orange Flare
Cosmos

A—Annuals
P—Perennials

The Shirley
Digitalis

FOR COLOR IN Your Garden

PHLOX DRUMMONDI (A)

A hardy annual producing bushy plants carrying many broad, flat topped clusters of disc-like, five petaled flowers. They are especially enjoyed for their brilliant colors and long blooming period. Fine for beds and borders and also cut flowers.

C1164—One packet each of white, violet, rose, yellow and crimson for 25c.

C1168—STARRED and FRINGED. This type of annual phlox is very attractive with its fringed and pointed petals in a wide range of colors.

C1170—PHLOX, DWARF. Mixed colors. Pkt., 8c.

C1172—PERENNIAL. Mixed colors. Pkt., 10c.

C1166—PHLOX, MIXED. Extra choice mixed colors. Phlox Drummondii Mixed

NASTURTITIUM (A)

C1093—GOLDEN GLEAM. This strain of double sweet scented nasturtiums has grown very popular. The plants grow same as single varieties but the flowers are much larger and of a beautiful orange color. They are very double. Pkt., 10c.

C1083—SCARLET GLEAM. In growth it is the same as Golden Gleam but the flowers are a bright scarlet color. They are also very double and sweet scented. Pkt., 10c.

C1085—GLORIOUS NEW HYBRIDS. These are of the same strain as the two above varieties. The flowers are of many beautiful shades, all colors mixed. They are double and sweet scented and are excellent for cut flowers. Pkt., 15c.

C1094—DWARF MIXED. This is the common variety. A collection of all colors. Pkt., 5c; oz., 15c.

SWEET PEAS (A)

Spencer Sweet Peas are the large flowering variety and also early blooming.

C1272—Navy Blue. Pkt., 7c.

C1278—Red Bird, Crimson. Pkt., 7c.

C1280—Spring Song, Salmon. Pkt., 7c.

C1282—Queen Crimson, Red. Pkt., 7c.

C1286—Harmony Lavender. Pkt., 7c.

C1288—Maroon Prince. Pkt., 7c.

C1290—Valencia, Deep Orange. Pkt., 7c.

C1292—Imperial Pink. Pkt., 7c.

C1294—All White. Pkt., 7c.

C1316—Mixed Colors. Pkt., 5c; oz., 15c.

STRAWFLOWERS (A)

Are especially good for winter bouquets. Pick when one-third open and hang heads down in a dry place until thoroughly dry.

C1376—HELICHRYSUM, MIXED. Wide range of brilliant colors.

C1382—SPECIAL MIXED. Many varieties.

C1372—GOMPHRENA. Showy plants with red globe-shaped flowers; 1½ feet high.

GAILLARDIA (P)

C1017—BURGUNDY. Large shining wine-red flowers on long stems, from June until frost. Bloom the same year if sown early. Pkt., 10c.

C1018—SONDEREGGER NEW GIANT FLOWERING. Very large, handsome flowers of various colors.

PANSIES (A)

For best results you must start a good strain of seed. The plants thrive best in a cool, well drained and enriched soil. Sow seeds in April and cover lightly. Soil should be kept moist until the plants are up.

C1105—SONDEREGGER'S NEW TRIUMPH. The flowers are large and of many beautiful colors. All pansy lovers should try a packet of these beautiful flowers. Pkt., 10c.

C1107—SWISS GIANT. The flowers are gigantic in size, perfectly round and shades previously unknown in this family. Pkt., 10c.

C1106—MASTERPIECE OF GERMANIA. The petals are crimped and in such a fashion that the flowers appear double. The flowers are often three inches across and the color variations are odd and striking, the rich, dark, velvety shades predominating. Pkt., 10c.

C1114—THE VIOLA. Hardy perennial pansies. Flowers are smaller than the regular type, yet they bloom more profusely and for a longer time. If seed is sown in April the plants will flower in June and bloom until frost. Pkt., 10c.

C1130—EXTRA FINE MIXED. An excellent mixture.

VERBENA (A)

C1330—CRIMSON GLOW. Rich glowing crimson; the flowers are a solid mass of color, making a striking bed or border. Pkt., 15c.

C1331—PRIDE OF OXFORD. They are fine for beds, continuing to produce a mass of bright red flowers until frost. Pkt., 15c.

C1324—NEW MAMMOTH. Individual flowers are larger than a quarter. Unsurpassed for profusion of bloom. Fancy mixed.

Golden Gleam
Nasturtium

Sonderegger New
Giant Flowering
Gaillardia

Easy to grow FLOWERS

PETUNIA (A)

Easy to grow and succeed most anywhere. They give constant bloom from June until frost. Sow seed in the open ground or inside if earlier flowers are desired.

C1153—GIANT RUFFLED. Large flowers with ruffled edges. Many good colors. Pkt., 10c.

C1147—ROYAL PURPLE. Very deep purple. Pkt., 10c.

C1150—FLUFFY RUFFLES. Large ruffled flowers in many splendid colors. Pkt., 10c.

C1140—CALIFORNIA STAR. A beautiful velvety purple with pure white star. Pkt., 10c.

C1154 MIXED. Plain edged and a good mixture of many colors.

C1144—STRIPED and BLOTCHED. Blue and red with white stripes.

C1142—ROSE OF HEAVEN. Bushy plant with dark pink flowers. Pkt., 10c.

1143—HOLLYWOOD STAR. A distinct novelty with five pointed star-shaped flowers of beautiful rose-pink with creamy yellow throat. Plants are bushy and erect and bloom all season. Pkt., 20c.

C1138—DOUBLE MIXED. Beautiful large flowering varieties. Pkt., 25c.

C1151—FLAMING VELVET. Deep velvety blood red. Pkt., 10c.

C1155—BURGUNDY. Flowers a rich wine red with contrasting white throat. Pkt., 10c.

PENSTEMON (P)

C1136—Very showy, growing from 2 to 3 feet high, are rather bushy, and have very long slender spikes which bear many trumpet shaped flowers. Pkt., 10c.

GOURDS

C1454—MIXED. Contains many varieties.

Photo:
Marigold
Crown of Gold

MARIGOLD (A)

A hardy annual of dense, bushy habit with finely cut bright green foliage. The flowers are large and are excellent for cutting.

C1064—CROWN OF GOLD. The flowers are medium size, about 2½ inches in diameter, are a lovely golden orange shade with a full crested center of small tubular petals surrounded by a single row of broad guard petals. Crown of gold is valuable as a cut flower as it does not have that pungent Marigold scent. Pkt., 15c.

1061—FERDINAND. Single flowered with a neat crested center of golden yellow surrounded by a single row of broad mahogany red guard petals. Plants about 20 inches tall and are very early blooming. Pkt., 15c.

C1066—GOLDEN QUEEN. Plants grow about 18 inches tall. The flowers are very large and double, of a beautiful orange color. Pkt., 8c.

POPPIES (A)

C1174—TULIP FLOWERED. Large tulip shaped flowers of dazzling scarlet.

C1176—SHIRLEY. Handsome single flowers of glowing colors. Pkt., 10c.

Photo:
Petunia
Calif. Star

C1178—DOUBLE PEONY FLOWERED. Flowers large as peonies and very double. Mixed colors.

C1198—ORIENTAL (P). Flowers are very large. They come in the most brilliant shades of red and increase in size from year to year. Pkt., 7c.

SALVIA (A)

Bushy plants covered with countless spikes of tubular florets. Used for hedges and edging shrubbery.

C1233—BONFIRE. Erect spikes of brilliant scarlet on plants about 14 inches high. Pkt., 8c.

C1232—SCARLET SAGE. Numerous spikes of vivid scarlet flowers 10 to 12 inches in length. Pkt., 8c.

Shirley Poppy
Very Free Bloomer

A—Annuals
P—Perennials

FROM
Sonderegger

QUALITY SEEDS

ZINNIA (A)

Deserve a prominent place in every garden. Plants form handsome bushes which produce flowers all summer and fall.

C1351—FANTASY. A bright, colorful mixture of shaggy petaled, medium sized, double flowers. Excellent for cutting.

C1355 LINEARIS. The most unusual of the newer Zinnias. The single flowers are golden orange with a small yellow stripe on each petal. It is early flowering. Plants are neat, about 10 inches high and very bushy. Pkt., 10c.

C1357—SCABIOSA, FLOWERED. The plants grow 2 to 2½ ft. tall, bearing numerous medium sized flowers on good stems; excellent for cutting. The blooms are composed of a row of broad petals while the narrow center petals form a cushion-like mound similar to the annual scabiosa. Mixed colors.

C1356—RED RIDING HOOD. This tiny scarlet button Zinnia is one of the best known and most popular on the market. They bloom in about 45 days from planting.

C1350—TALL DOUBLE. All colors mixed.

C1354—DOUBLE LILLIPUT. A fine mixture of dwarf double Zinnias.

C1352—NEW GIANT FLOWERED. A well balanced mixture of all colors which make a gorgeous showing. Pkt., 10c.

C1360—GIANT FLOWERED. White.

C1362—GIANT FLOWERED. Crimson.

C1364—GIANT FLOWERED. Black Knight.

C1366—GIANT FLOWERED. Violet.

C1368—GIANT FLOWERED. Yellow.

Above varieties, per pkt., 10c.

C1358—ZINNIA COLLECTION. 1 pkt. of each of the above five colors, 38c.



Single
Pyrethrum

PYRETHRUM

Showy plants 2 ft. tall bearing during the spring, daisy-like flowers in white, rose, pink and red. A splendid cut flower.

C1222—SINGLE MIXED. Large flowers.

SALPIGLOSSIS

C1230—LARGE FLOWERING. Many have called it the orchid of hardy annual flowers. The blooms are funnel shaped, something like a petunia only larger, and are borne on long stems, sometimes 2 or 3 flowers on a stem. The range of colors includes blue, brown, red and many others.

CLIMBING VINES (A)

1416—MILE A MINUTE. A very rapid grower with fine foliage. Flowers a creamy white with a deep red center. Flowers open in the morning and remain open all day. Very good for hot, dry climates. Pkt., 15c.

C1407—CARDINAL CLIMBER. Annual climber of rapid growth. The leaves are deeply notched which, with the many bright cardinal red flowers, give the vine a beautiful effect.

C1426—MAMMOTH WHITE MOONFLOWER. If grown on well enriched soil in a warm, sunny location and given plenty of water, the vine will reach an enormous height, often over 30 ft. Leaves are heart shaped and plants will bloom from July until frost.

C1428—LILAC BLUE MOONFLOWER. Lovely sky blue flowers.

CYPRESS VINE

C1414—MIXED. A beautiful annual climber with fern-like foliage and graceful, star shaped flowers.

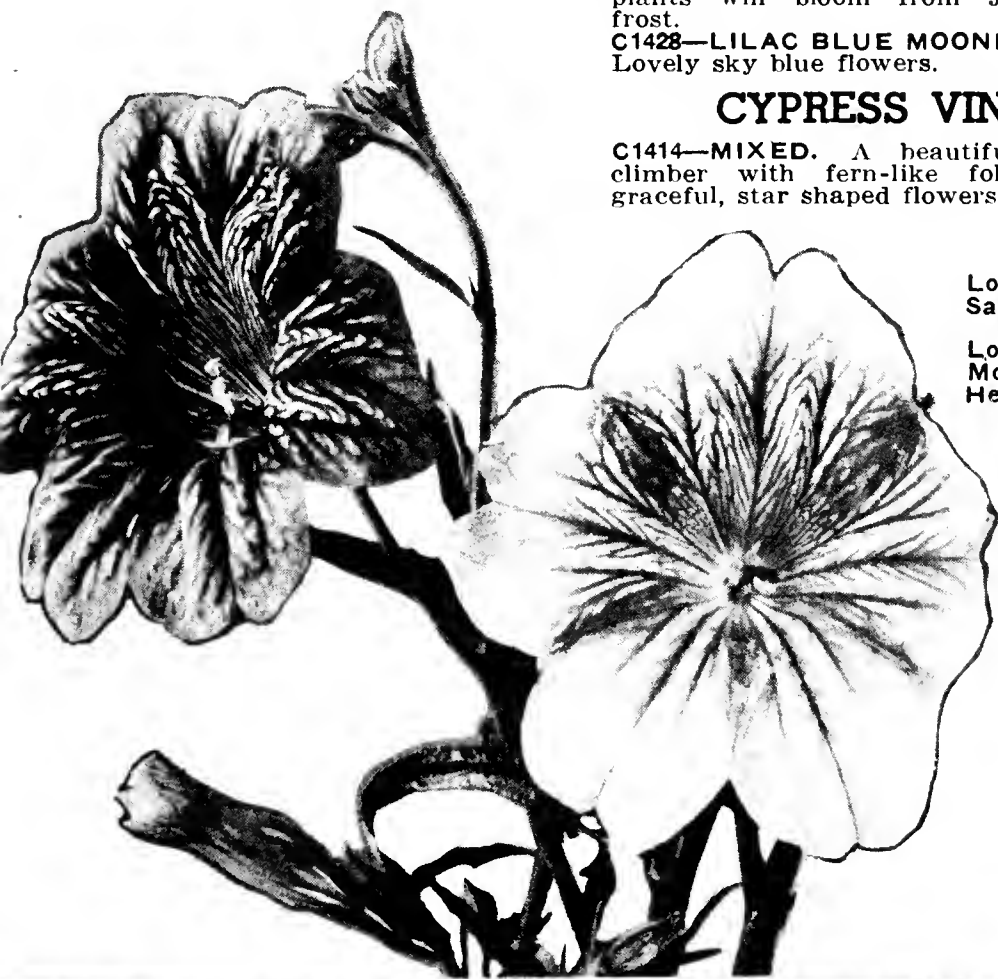


Scabiosa, Flowered
Zinnia

MORNING GLORY

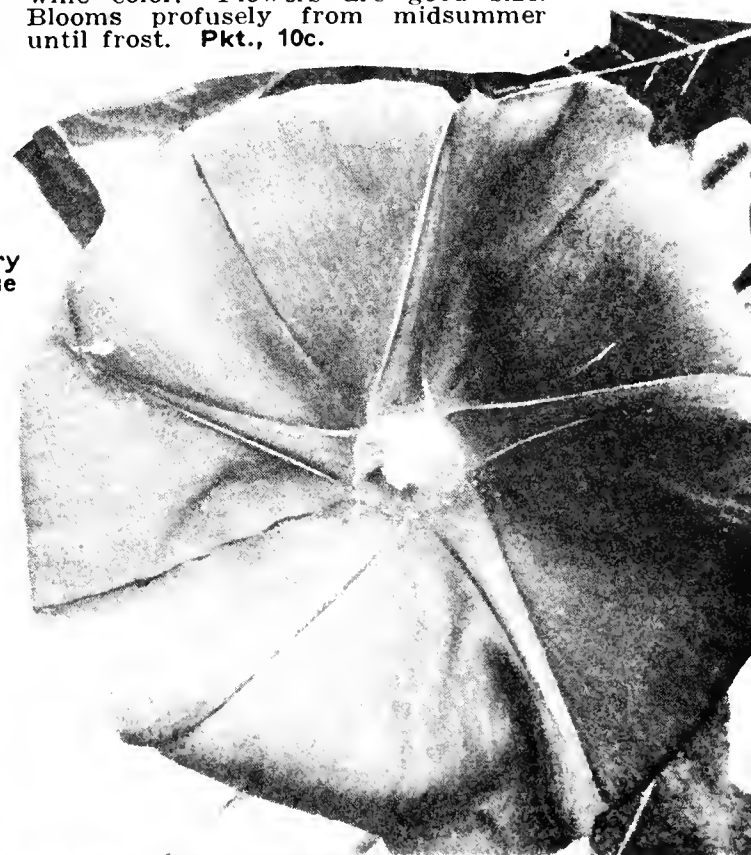
C1433—HEAVENLY BLUE. A very rapid grower with beautiful sky blue flowers.

C1434—SCARLET O'HARA. Fast growing vines, with dark green foliage and beautiful flowers of a rich, dark red wine color. Flowers are good size. Blooms profusely from midsummer until frost. Pkt., 10c.



Lower left:
Salpiglossis

Lower right:
Morning Glory
Heavenly Blue



SPRAYERS---Spraying Materials

HUDSON PERFECTION CONTINUOUS HAND SPRAYER SPRAYER



This new sprayer is made so that the whole top can be removed, which makes it very easy to clean. The tanks are made of heavy galvanized steel; also copper. Contents four gallons. They are equipped with hose extension rod and a new brass nozzle which can be set to spray in any direction. This sprayer is made throughout from the very best materials and cannot be compared in quality with many of the cheap sprayers. Galvanized Sprayer, \$5.85. Brass Tank, \$8.69.

HUDSON JUNIOR

This sprayer is made of the same material as the Hudson Perfection. It has a large funnel top which makes it easy to fill. Capacity 2½ gallons. It is equipped with extension rod hose and a new adjustable nozzle. Price: Galvanized Tank, \$4.35; Brass Tank, \$6.50; not prepaid.



NOZZLE

Aphis adjustable nozzle is regular equipment on Perfection and Junior Sprayer. Extra Nozzle, \$1.00.

LEVER SPRAY NOZZLE



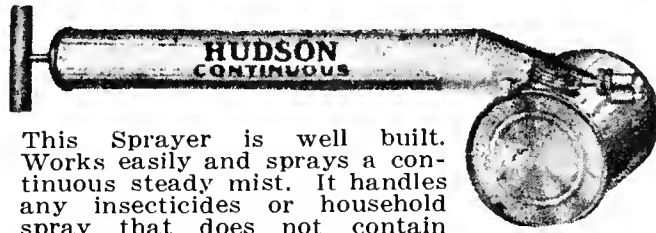
This is an ideal nozzle for spraying around the garden or lawn; also good for cleaning porches, cars, where water is turned on and off quite often. The nozzle is made of heavy brass and will last a long time. It is easily attached to any garden hose. Price, \$1.00, postpaid.



This is not a fertilizer, it must be applied to the seed before sowing. Can be used on all legume plants such as BEANS, PEAS, SWEET PEAS, COW PEAS, SOY BEANS, ALFALFA AND CLOVER. Do not use Nitratin on other kinds of seeds. Nitratin improves the root system to such an extent as to give the plants a much better growth and greater productiveness.

When ordering please state the kind of seed you wish to treat. Nitratin is sold in tins, each containing the necessary quantity for a certain quantity of seed.

For beans, peas or sweet peas, enough to treat 4 pounds of seed, 10c, postpaid. For peanuts, soy beans and cowpeas, 1 bushel size, 30c; 2 bushel size, 50c; 5 bushel size, \$1.00. For alfalfa and all clovers, also Lespedeza, ½ bu., 30c; bu., 50c; 2½ bu., \$1.00; postpaid.

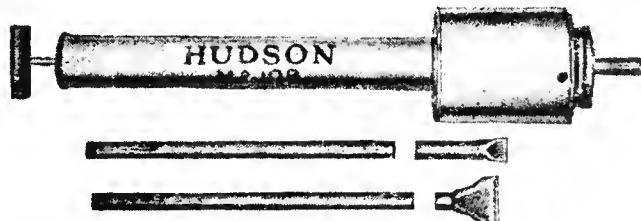


This Sprayer is well built. Works easily and sprays a continuous steady mist. It handles any insecticides or household spray that does not contain sediment. Especially adapted for use with preparations which destroy ordinary metal containers. Fitted with mist nozzle which sprays a fine fog. Price, 85c, postpaid.

HUDSON CRITIC CONTINUOUS SPRAYER

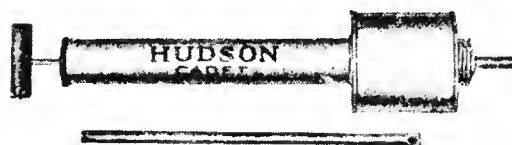
This Sprayer is made the same as our Continuous except that it has a glass container which holds about one quart. It also has the new mist nozzle. Price, \$1.25, postpaid.

HUDSON MAJOR DUSTER



This new design duster has been tried out and is a big improvement over the old type. It dusts all kinds of fine powders very evenly. It does the job with less material, less energy, and does it better. Size of dust container 4 inches in diameter and 4½ inches long. Pump 14 inches long. Price, \$1.10; postpaid.

CADET DUSTER



Same as Major Duster only smaller size, but does the work just as good. Price, 60c, postpaid.

TRI-GEN

The All-Purpose Spray

A POSITIVE PLANT PROTECTION This complete Rose Garden Spray Treatment—Tri-ogen—offers the first definite mildew and black spot control combined with an insecticide. It kills all insects, including the sucking and leaf-eating types. It remains on foliage, repelling subsequent attacks. Tri-ogen also stimulates plant growth, resulting in fine foliage and luxuriant blooms.

- A. Small Kit (makes 16 quarts), postpaid\$1.50
- B. Medium Kit (makes 64 quarts), postpaid 4.00

SONDEREGGER'S IMPROVED TREE WAX

Same as we use in our nursery for budding and grafting. ¼ lb., 20c; ½ lb., 35c; 1 lb., 65c; postpaid.

SONDEREGGER'S ELASTIC PRUNING PAINT

Should be used wherever a limb is cut off or where the bark has been peeled off by rabbits. Prevents decay until the wound is healed. 1 pint, 55c; quart, 95c; postpaid. Not prepaid, gallon, \$2.25.

NOTICE—All Dusts should be applied with a dust gun. It does the work much better and is a big saving on dusting powder.

APHICIDE

This insecticide has been thoroughly tried out and I find it to be the best nicotine dust on the market. It contains a large per cent of nicotine, which makes it most effective against the striped cucumber bugs and the green aphids, which causes large losses all through the Middle West. This dust should be applied with a dust gun so as to get underneath the leaves where the bugs are usually found. Aphicide is made so that it will cling to the plants which makes it very effective against chewing or succulent insects. It is a poison, so cannot be sent by parcel post. Price: 1-lb. cans, 35c; 5-lb., \$1.40; 10-lb., \$2.50. Kindly ask for prices on larger lots.

HAMMOND'S SLUG SHOT

A non-poisonous insecticide. It is the safest, most effective, easiest to use and most economical general purpose insecticide made. Has given unusual satisfaction the world over for a half of a century. Can be used on cabbage, cauliflower, beans, etc., without fear of harm, as it does not contain poisonous ingredients. Lb., 32c; 5 lbs., \$1.30; postpaid. Not prepaid, lb., 25c; 5 lbs., \$1.00.

LIQUID SLUG SHOT

This is a non-poisonous spray and is very effective on both chewing and sucking insects. There is no danger when using it on tomatoes, beans or other vegetables. I find it to be one of the best spray insecticides on the market. 1 oz. of Liquid Slug Shot makes 6 gallons of spray. 1 oz. bottle, 35c; 6 oz. bottles, \$1.10; postpaid.

BLACK LEAF 40

(Sulphate of Nicotine)

Especially effective against green aphids and lice on Sweet Peas, Cucumbers and other vines. Also used against poultry, cattle and sheep lice. Follow directions on the bottle closely. Cannot be sent through the mail. 1 oz. bottle, 35c; 5 oz. tin, \$1.00; 2 lb. can, \$3.75; by express not prepaid.

NICOTINE SOAP

THRIP-JUICE

For garden use I prefer this material to "Black Leaf 40," can be diluted in the same proportion, 1 oz. to 6 gallons of water, and is a little safer to use on plants by the amateur, and sticks better to the foliage. Pint can, 65c.

PESTROY, or BORDEAUX MIXTURE

In the control of plant diseases and insects no spray has ever been manufactured to equal Pestroy. In case of fungus diseases also against chewing insects use Pestroy. This remedy is better known under the name Bordeaux Mixture. Pound, 45c, postpaid. Not prepaid, 4 lbs., \$1.10.

GRAPE and ROSE DUST

Black spot on roses, powdery mildew on grapes and roses are easily controlled by this remedy, also the leaf eating insects. It is especially good to prevent mildew and black spot on roses. Plants should be dusted about once a week after they are well leafed out. 1-lb. can, 45c, postpaid; 5-lb. can, \$1.50, not prepaid.

TOBACCO DUST

Destroys rose bugs, lice, vine bugs, tomato worms, currant worms, cabbage lice and worms and parasites of all descriptions. Should be applied when foliage is wet. Will not burn or injure the plants. Price: Lb., 22c; 5 lbs., 88c; 10 lbs., \$1.45; postpaid. Not prepaid, lb., 15c; 5 lbs., 65c; 10 lbs., \$1.00.

BROODERS, TOOLS, TRAPS, Etc.

PUTNAM BROODER



Each brooder will take care of 25 to 60 chicks. Needs filling once a week; will run a month on a gallon of coal oil. This brooder stove has given splendid results wherever it has been used. Write for special instructions for making box for brooder. Putnam Brooder, \$4.75, postpaid. Extra wicks with holders, 10c.

PUTNAM STOVE

Absolutely fireproof and non-explosive. Cheap to operate, about 25c worth of coal oil will keep the water for the chickens at the right temperature for several weeks. No trimming necessary. The best water warmer on the market. I use them for warming water for the outdoor birds, which I feed and water all winter. \$1.95, postpaid. Write for further information. Extra wicks with holders, 10c each.

PRUNING KNIVES



No. 4. A very good combination knife, used extensively in nurseries, parks and by fruit growers; 3½-inch handle. Contains pruning blade, jack-knife blade and budding blade, so that it combines all the cutting tools needed in orchard or garden. The blades are made of the very best steel. It is the best all-around pruning knife I have ever used. Price of No. 4, \$1.50 each, by paid parcel post.

No. 3—Pruning and Budding Blade\$1.25
No. 2—Pruning Blade only... 1.00

ACME POTATO PLANTER

This planter enables one man going over the field but once, to plant two or more acres in a day, and this almost as easy as he could walk the same distance in the same time. It makes the holes, drops and covers at the same time. It is important in planting that they be dropped in moist soil and covered before the soil dries out. This the Acme Planter does perfectly. Weight, 2½ lbs. Price: \$1.25, not prepaid.



GARDEN TROWELS



These trowels are stamped out of one piece of heavy steel, which makes them stronger than the old style, two-piece trowels, with the handles riveted on. Price: Per trowel, 30c each; set of three, 75c; postpaid.

KEES CALF WEANER



All you have to do is to open it up and close it on the calf's nostrils. One arm is riveted solid to the plate. The other can be turned back to open. A small brass spring holds this arm in place. It's light—it won't catch on things—the balls are perfectly smooth—there is nothing about it to injure the calf's nose. Won't break, made entirely of stamped steel, galvanized.

MADE IN TWO SIZES

Price: Small, size of plate, 3 inches by 4¾ inches, 30c each, by paid parcel post. Large, size of plate, 3¾ by 5 inches, 35c each, by paid parcel post.

CYCLONE HAND SEEDER



This Seeder is nationally known; it is well built and will last for years. It is equipped with shaker bottom and a good adjustable feed so that it sows most all seeds very evenly. It also has a shut-off that can be closed and opened again without changing gauge lever which regulates the amount of seed per acre. Price, \$2.50, postpaid.

Germāco

Hotkaps



Hotkaps are made from an especially prepared paper which is water-proof, and when set over a small plant it acts as a small greenhouse by furnishing an extra amount of heat in the early spring when the weather is still cool.



Hotkaps not only make the young plants grow faster, but they protect them from frosts and insects. Hotkaps have been tried out for several years and we have many testimonials showing where Hotkaps produced ripe melons two weeks earlier than where they were not used. More information given on request.

Home Garden Package, 25 Hotkaps and Cardboard Setter, 65c postpaid, 50c not prepaid.

100 Hotkaps with Metal Setter and Tamper, \$2.85, postpaid.

250 Hotkaps with Metal Setter and Tamper, \$3.85, not prepaid.

1,000 Hotkaps only, \$10.25, not prepaid.

Steel Setter and Tamper, \$1.50, postpaid.

Garden Setter alone, 50c, postpaid.

Steel Tamper alone, 25c, postpaid.

Garden Hotkap Setter, 50c.

'TWIST-EMS'

THE NEW HANDY PLANT-TIE



Place 'Twist-ems' around stem and support



Twist ends between finger and thumb



In a "flash" stem is securely tied

'Twist-ems' are dark green strong tapes with wire reinforcing that make perfect plant ties. Quick, Permanent, Attractive, Convenient. For Nurseries, Estates, and Amateur Gardeners. For Plants, Shrubs, Vines, and arranging of Flowers.

Box of 125 8 inch size, 25c

Box of 250 4 inch size, 25c

Renken Sure-Catch Gopher Trap

Gophers are easily caught with this trap. Dig in the gopher mound, clean out the lateral runway from mound to main runway. Always set trap in lateral runway, do not cover trap. Let light shine into the runway. First gopher that comes along will proceed to shut out the light and is caught. Never set trap in main runway. I have used these traps for years and have never found any better. Price, 80c; 2 for \$1.50; postpaid.



Spray Guide Free on Request.

ALFALFA

One of the secrets of getting a good stand of Alfalfa lays in the preparation of the seed bed. It should be plowed or double disked, and then harrowed several times to get a firm seed bed. If the seed is sown broadcast best results are obtained by rolling, and if no roller is available I recommend a light harrowing. Can also be drilled about 1/2-inch deep. Sow early in the spring; 15 pounds per acre with drill, up to 20 pounds broadcast. The quality of the seed will always be of primary importance; on any cheap or second grade seed you are apt to get bindweeds started. My seed comes from upland, it is hardy, and pure. I handle no second grade in any kind of seed. 3 lbs., \$1.00, postpaid.

SWEET CLOVER

Can be sown earlier than Alfalfa, sowing and preparation of the seed bed same as for Alfalfa. Use only scarified seed to assure you of a 100% stand. White or Yellow Blossom Sweet Clover, your choice, scarified seed, 3 lbs., 60c, postpaid.

RED CLOVER

I recommend it for Eastern Nebraska, Iowa and from there east. Makes an excellent hay crop under normal conditions. Also good for seeding in the bare spots in Alfalfa where it keeps weeds down, and makes good hay. Sow 7 to 10 lbs. per acre. Price: 3 lbs., \$1.25, postpaid.

BROMUS INERMIS

This grass came through the extreme drought of recent years in better shape than any other grass, and just as good as our old original Prairie Grass. It will make more pasture or hay than any other grass except Crested Wheat Grass. A native of the Dakotas and Canada where it never winter-kills. In dry summers pasturing too close has killed out more pastures than the drought itself. Prepare the ground in the spring just as early as it can be worked (February or March), prepare it the same as for Alfalfa, sow 15 lbs. per acre, with 2 to 3 lbs. of Alfalfa seed. After seeding the ground should be rolled. My Northern Bromus can also be seeded with a wheat drill. Any further information on request, kindly write. 3 lbs., 85c, postpaid.

CRESTED WHEAT GRASS

Without a doubt the hardiest all around grass we have. It has by far the strongest rooting system of all grasses. A Canadian Agricultural College states: "One plant of Crested Wheat Grass in two years time made over 200 miles of roots." That is a lot of roots for one plant. If there is any moisture in the ground anywhere that many roots should find it. Makes excellent pasture, and a big yield of fine quality hay. Seed can be drilled in rows 2 ft. apart, so that cultivation is possible, and in a few years you will have a spotless, perfect sod. 3-4 lbs. per acre. Price: 75c per pound, postpaid.

SAND DROP SEED

This is a native prairie grass here in the Middle West. It does well on upland and in dry sections of the country. It makes excellent pasture and does not kill out over winter. The seed is very fine and does not need covering if seeded in February or early March. Sow 5 to 8 pounds per acre. Price: 45c per lb.; 3 lbs., \$1.25; postpaid. Not prepaid, 30c per lb.

NATIVE RYE GRASS

Makes a very good early pasture, but most of it goes to seed in August. With us here and in the North it is considered an annual grass, as it does not stand our winters very well. 3 lbs., 60c, postpaid.

ENGLISH BLUE GRASS

Sow 25 to 35 lbs. per acre. Especially for low ground where it makes an excellent pasture, and good hay. Of course, where the water will stand longer than a day at a time it would not succeed. 3 lbs., 50c, postpaid.

FARM AND

Upland Grown Seeds of Perfect Germination

As this book goes to press in November prices on Field Seeds are uncertain. They cannot be quoted for several months ahead of time. I want to sell you first class seed at the lowest possible price, and for that reason I invite you to drop me a card, stating variety and quantity you will need, and I shall make you my best offer, with samples, freight quotation, and any information you may wish.

TIMOTHY

An old variety of grass that is used quite extensively for pasture and for hay, and is often sown with Red Clover. For a pure sowing use from 11 to 15 lbs. per acre. 3 lbs., 50c, postpaid.

SUDAN GRASS

This is a hot weather plant, and does best if planted right after corn planting time. It makes good pasture and good hay, due to its rapid growth it produces enormous quantities of feed. Caution: Use only pure Sudan seed, if you want to use it for pasture. There have been losses of cattle due to poisoning, and in practically every instance it was possible to prove that the Sudan was not pure, having contained cane seed. If you want it for hay sow June 1 and cut just before or right after a frost in the fall, same as Cane. It is almost impossible to get two good hay crops in one season. Sow 15 to 25 lbs. per acre. Price: 3 lbs., 35c, postpaid.

MILLET

C1570 German This Millet matures about two weeks later than the small Common Millet. It grows 3 to 4 ft. tall, and makes an abundance of hay for milch cows. Sow 50 lbs. per acre for hay, or 35 lbs. for seed. Price: 3 lbs., 35c, postpaid.

S1575 White Wonder Very much like German Millet, except that the stalks are a little taller with large broad leaves and very large heads. Much earlier than German Millet which makes it very desirable for late sowing. Price: 3 lbs., 35c, postpaid.

Smoothbearded BARLEY

Has become very popular the past few years. It is early, and yields more here in the Middle West than any of the old varieties. The beards are perfectly smooth, making harvesting easy, and the straw is of much better quality for the stock. Price: 3 lbs., 30c, postpaid.

DWARF ESSEX RAPE

For sheep and hog pasture, a most profitable plant. Can be sown in early spring along with oats or rye, and can be pastured within a week or so after harvest. Can also be sown on wheat, rye or oats stubble or any vacant land as late as end of July, and will yield immense crops within 6 to 8 weeks. Sow with drill, 3 lbs. per acre, or broadcast, 5 to 6 lbs. per acre. Price: 3 lbs., 45c; postpaid.

SOJA or SOY BEANS

An erect growing plant of greatest value. For hay or for ensilage as good or better than clover, and yielding much heavier. The beans mature anywhere in the corn belt. They are of high feed value when ground. As a crop Soy Beans greatly improve the soil. Every farmer should make a trial at least with a small piece of ground, it will pay you well. Price: 45c per 3 lbs., postpaid.

OATS

Nebraska No. 21 Introduced by the Nebraska Agricultural College, and is still one of the very best varieties for Nebraska, and any other locality where early Oats must be grown. Price: 3 lbs., 30c, postpaid.

Texas Red Oats of medium height, very leafy, and under normal conditions produces big yields. Having a good stiff straw it does not lodge easily. Texas Red has done well during the dry years. Price: 3 lbs., 30c, postpaid.

RUSSIAN SUNFLOWER

The largest of all sunflowers, grown for the seeds which are of great value for poultry feed. Highly productive. Sow 3 to 4 lbs. per acre. Price: 3 lbs., 65c, postpaid.

Hybrid Seed Corn

Our Hybrid Seed Corn Is All Large Flat Grain, Top Quality.

Nebraska No. 252 Introduced by the Nebraska Agricultural College and by tests found to be the best variety for Nebraska. Matures in 105 days. Price: 3 lbs., 80c, postpaid. Not prepaid, Peck, \$1.50; 1/2 bushel, \$2.75; bushel, \$5.00.

Rob-See-Co Funk's Hybrid

G212 For east central Nebraska and southwestern Iowa. Has also done extremely well in western Nebraska and Colorado under irrigation, although considered a little too late for those sections. Highly satisfactory on medium to low fertility levels as well as better type soils. Exceptionally drought resistant. Good stiff stalks, ears at medium height, dark green color, 118 days maturity. 3 lbs., 85c, postpaid. Pk., \$2.00; 1/2 bu., \$3.75; bu., \$7.00.

Rob-See-Co Funk's Hybrid

G235 Possibly a few days earlier than G212. A most consistent producer on soils of average fertility. Recommended for the same localities as G212. Grows to medium height, ears medium size, liked exceedingly well by farmers because of its splendid feeding quality. You will be proud of this corn. 115 days maturity. 3 lbs., 85c, postpaid. Pk., \$2.00; 1/2 bu., \$3.75; bu., \$7.00.

Rob-See-Co Funk's Hybrid

F527 White 117 days maturity. Very similar to Iowa Silver Mine, with medium, rough ears. Good standing quality, responding well under normal corn growing conditions. Recommended for east and southeast of Nebraska and all through Iowa. 3 lbs., 85c, postpaid; pk., \$2.10; 1/2 bu., \$3.85; bu., \$7.50.

Rob-See-Co Certified Iowa

939 Early, maturity 105 to 107 days. One of the finest for eastern and central Nebraska. Uniform ears, wide kernels, slightly rough, one ear per stalk; resists drought and excessive heat. For highest yields over a period of years it has the most favorable record. 3 lbs., 80c, postpaid; pk., \$1.50; 1/2 bu., \$2.75; bu., \$5.00.

FIELD SEEDS

All Field Seeds I carry in stock are first tested, then recleaned, and tested again, for Purity and Germination. Only seeds that come up to highest germination and purity are added to my retail stock. This procedure in some instances is responsible for a slightly higher price, but it is also the reason why my customers continue to buy their Field and Garden Seeds from me, once they have found for themselves that seed of first class is cheap even if it would cost a few per cent more.

SORGHUM or Sugar Cane

Black Amber or Early Amber. One of the oldest and best known cane sorts.

Early Orange Larger and heavier stalks, and larger and more abundant leaves, also 3 to 4 weeks later than Black Amber and most other sorts of cane.

Sonderegger's Improved Sorghum

For Sorghum or Molasses production this variety is much superior to the others. Stalks 8 to 10 feet high, averaging 1½ to 2 inches in diameter which produce more and sweeter juice than any other kind I have ever tested. If you are growing Cane for Sorghum you should give this variety a trial. Plant in rows like corn, and thin out to 10 or 12 inches apart in the row. For feed or hay sow broadcast 2 bushels of seed per acre. Price: 3 lbs., 40c, postpaid.

KAFFIR CORN

White Kaffir Matures in 115 to 130 days large heads of oval shaped seeds, white with a splash of red or black. For the seed sow 4 to 5 lbs. per acre in rows 3 feet apart, and for fodder sow 25 to 50 lbs. per acre with drill or broadcast. Makes a good quality hay, and produces well, two good cuttings per season. Price: 35c per 3 lbs.; postpaid.

Leoti Red An attractive sweet, juicy forage sorgho which grows 6 to 7 feet high. It is very leafy and matures in 110 days. It produces almost as much tonnage per acre as Atlas Sorgho. Many prefer it to Atlas as it does not grow so tall, which makes it much easier to harvest. It is also used for making molasses. I will have both certified and uncertified seed at market prices. Special prices quoted on request. Kindly write. 3 lbs., 45c.

WHEATLAND MILO

Wheatland A cross of Milo and Kaffir first produced in Oklahoma. Grows 2 to 3 ft. tall with stalks strong enough to resist lodging. Matures in 100 days, producing high test seeds, and can be harvested with the combine. For hay it is also very good, makes a finer hay than some of the tall growing sorts of forage plants. Price: 35c per 3 lbs., postpaid.

Open-Pollinated Corn

Nebraska Yellow Dent Matures in 100 days, ears well filled with broad, deep kernels. A corn well suited for general planting in the Middle West.

Reid's Yellow Dent A corn of light golden color. Large ears with closely set kernels. Ripens in 100 days.

St. Charles White Matures in 100 to 105 days. Red cob, smooth white kernels. Withstands dry weather fairly well, and is a good yielder.

Iowa Silver Mine 90 to 100 days. Pure white kernels on a small white cob. Shells out good, 70 lbs. of corn will make 60 lbs. shelled corn. Prices on all four varieties listed above: 3 lbs., 45c, postpaid; peck, 75c; bu., \$2.00.

DWARF HEGARI

Grows 4 to 5 ft. tall, and contains a considerable amount of sugar. The seed matures in 100 days, and is the size of Kaffir Corn, produced in large heads. It seems to do best on bottom land, and resists kernel smut. A good plant for grain or forage. Price: 35c per 3 lbs., postpaid.

ATLAS SORGO

Grows 7 to 8 ft. tall with a sturdy leafy stalk abundantly juicy and sweet. It seems to resist dry weather well, and has few insect enemies. Stands up well. Atlas Sorgho in the Middle West should be grown as a fodder plant, and less for seed, as the seed matures quite late (130 days). My stock is all state certified. Price: 45c per 3 lbs., postpaid.

Early Kalo This Sorgho has become very popular as a grain crop. It produces best when planted in rows like corn. It has slender stalks 3½ to 4 ft. tall with fewer leaves which are not very juicy. Has a tendency to lodge if left standing too long after it is ripe. For the Middle West it has proven to be one of the heaviest yielders the past five years. The grain is almost as good as corn for feed, and the stalks are about the same as corn stalks. Every farmer should plant at least one or two acres of Kalo. Kalo when fed to hens will sharply increase the egg production. It is for poultry what alfalfa is for milk cows. Certified seed, 3 lbs., 40c, postpaid. Kindly write for prices on large lots.

PEAT MOSS

Lawn and Poultry

Makes an excellent covering for a new lawn. After sowing seed it should be applied about ¼ inch deep. A bale covers about 1,000 sq. ft. of lawn. Peat Moss helps to hold the moisture in the soil until the grass gets started. During the summer it protects the roots from the hot sun. It is excellent for mixing in the soil for shrubs and plants, especially roses. Mix about one-fourth Peat Moss with the soil for roses and shrubs and a little less for perennials and other plants.

Price per bale, \$3.90, not prepaid

Seed Potatoes

RED RIVER—MINNESOTA GROWN, SPECIAL SELECT.

Double your yield by planting my Northern grown seed potatoes. Actual tests year after year show a much greater and better quality crop from my Northern stock.

Irish Cobbler One of the best for the Middle West. of uniform medium size, have a fine white skin, and are of excellent cooking quality.

Early Red Ohio This has been a very popular variety for many years; it is a very good yielder. The skin is red, very smooth, and the cooking quality is good.

Warba This new potato has been making excellent crops. In the dry summer of 1937 it was one of the best yielders in the test plots of the Nebraska College of Agriculture. White skinned with pink eyes. In shape about the same as Irish Cobbler. The earliest white potato, being earlier than the old Bliss Triumph.

Price of all Seed Potatoes, 3 lbs. 35c, postpaid. Please write for prices on larger quantities.

VELVETY LAWNS

from

Sonderegger's Clean Seeds

FANCY KENTUCKY BLUE GRASS

One pound of this seed will make a perfect stand on 200 square feet. Figure your seed on that basis. Spade the ground about 6 inches deep. Rake the ground. Now apply 3 to 4 pounds of Vigoro per 100 square feet. Rake again lightly. Wait from two days to a week before sowing. If there is no rain during that time sprinkle the soil. Sow, rake lightly, then roll to pack the ground. Apply a cover of fine cut straw, or better, of Peat Moss, soak the lawn down heavily. A week or ten days later roll once more. During the first summer do not allow the new lawn to get dry, have your sprinkler going two or three times a week during dry weather. This is the absolutely safe and sure way of getting not only a lawn, but a most perfect lawn. One that feels like the nap of a deep-cushioned rug. You can leave out the Vigoro application, leave off the cover with fair results if weather conditions are favorable. But if you follow my instructions completely you can gamble on having a spotless, beautiful lawn, no matter what the weather might be. Fertilize with Vigoro, water, use good seed, roll and water. There is no substitute for this tested process. Per lb., 40c; 3 lbs., \$1.15; 5 lbs., \$1.80; postpaid. Six pounds or more for 32c per lb., not prepaid

WHITE DUTCH DWARF CLOVER

Figure one pound to 300 square feet. Sow and care just like for blue grass. I would not suggest that you sow this clover alone. However, mixed in with the blue grass the clover will show up better the first year. Later on the blue grass will eat up the clover. The latter is therefore a nurse crop to the blue grass. Per lb., 75c; 3 lbs., \$2.00; postpaid.

SONDEREGGER'S SPECIAL LAWN GRASS MIXTURE

Contains in the proper proportion the Fancy Kentucky Blue Grass and White Dutch Dwarf Clover, and a little Red Top, properly mixed so as to make a good even stand. Sow just like described under Fancy Kentucky Blue Grass, no difference in the care. I have always found that this special mixture is superior to a straight blue grass sowing. I have also found that Rye grass and many other grasses recommended by some are of little value for a lawn here in the Middle West. Extra fine, choice seed, per lb., 48c; 3 lbs., \$1.32; 5 lbs., \$2.00; postpaid.

VIGORO

THE BEST FERTILIZER EVER PRODUCED.

Use it freely not only in lawns, any place in your garden, on your trees, shrubs, even on your pot flowers. When you use Vigoro you are taking no chances. The leading gardeners are using it, landscapers find it the key to success. Vigoro builds up the soil, gives it what plant life requires, a balanced ration of plant food. It is economical to use, its price is in no comparison to the wonderful results it gives. This is why I say: Use more Vigoro. 1-lb. pkt., 20c; 5 lbs., 65c; postpaid. Not prepaid: 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00.

Special Prices on larger lots quoted on request. Please write for quotations.

GOOD FARM AND GARDEN BOOKS

Flowers and Gardens If you love to grow flowers and plants you should have this monthly magazine. It is printed in your own language and the articles on the growing of plants and flowers can be applied to the small back yard gardens as well as the larger gardens. One year subscription, \$1.00. Sample Copy, 15c.

Successful Fruit Culture This book is written from the standpoint of the practical fruit grower who is striving to make his business profitable by growing the best possible and at least cost. It is practical and covers the entire field of fruit culture. Cloth cover, illustrated, 274 pages. Price, \$1.75.

Sweet Clover White Flowering. By J. G. Haney. Not a weed, but a valuable crop. Practical experiences of farmers, who are growing and feeding Sweet Clover. A book which every farmer should have. 32 pages of practical information on the agricultural value of Sweet Clover. Illustrated, 6x9 inches, paper cover. Price, 25c.

A Little Book on Perennials By Alfred C. Hottes. This is a 170-page book, which gives full information for the growing of perennials from seed; also bulbs and cuttings. Everyone who owns a home should have one of these books. It will help you arrange your flower garden so that it will be permanent. Price, \$2.00, postpaid.

Cultivation of the Mushroom

Everyone growing mushrooms should have one of these books, in order to get the best results. This is a 24-page book with paper cover and it gives full instructions about growing mushrooms. Price, 50c, postpaid.

Tomato Culture (By Will W. Tracy.) A practical book on the tomato, which includes its history, characteristics, methods of planting, fertilization, cultivation in field and greenhouse, harvesting, packing, storing and marketing. Insects and diseases and their remedies. Illustrated. 150 pages 5x7½ inches. Cloth cover. Price, \$1.10.

Bush Fruit Production It is the aim of this book to present in a clear and direct way the best methods that have been discovered by fruit growers and research workers. Varieties, their value and adaptation, planting, pruning and training, pests and pest control, winter protection, harvesting and marketing are all discussed in this book. Well bound with cloth cover. Price, \$1.25.

A Little Book on Annuals

By Alfred C. Hottes. This little 116-page book gives more information in regard to the growing and care of annual flowers than any other book I have ever seen. It gives full information about starting plants from seed, as to their care and time of blooming, etc. It also has many illustrations showing how seeds should be started, as well as illustrations of flowers, etc. Every lover of flowers should have one of these little books. Cloth bound. Price, \$1.90, postpaid.

BOOKS IN FOREIGN LANGUAGES

Praktisches Handbuch fuer Gartenfreunde By Hesdoerffer-Daenhardt. A good book in German, with 205 illustrations, and 327 pages, covering practically all phases of gardening. Special price, \$1.65 each; postpaid.

Hampel's Gardenbook This book is printed in the German language. Many of my customers ask for a good garden book printed in that language. The "Hampel's Gartenbuch fur Jedermann" has just been completed and I can highly recommend it as the best garden book in German print for everyday use. It will be found satisfactory. The book is well illustrated, well bound. These books are imported from Germany. Price, \$3.00, postpaid.

The Flower Grower This is a monthly magazine, published by a man who knows flowers. I have been reading it for a number of years and find it to be the best magazine on flowers of any I have ever read. Every lover of flowers should read it. It gives much valuable information about what to plant, where to plant and how to plant it. Single copy, 25c; six months, \$1.25; year, \$2.00. Send me your subscription and I will see that you get this magazine.

INDEX

A	Page
Ageratum	52
Alfalfa	60
Almond	26
Althea	26
Alyssum	52
American Elder	64
American Linden	20
Ampelopsis	25
Anchusa	36
Anise	51
Antirrhinum	52
Aphicide	58
Apple	4, 5
Apricot	9
Aquilegia, Columbine	36, 53
Arbor Vitae	23
Artemesia	27, 36
Artichokes	50
Asclepia	37
Ash	18, 20
Asparagus	64, 50
Aster	36, 52
Atlas Sorgo	61
Austrian Pine	22

B	Page
Baby's Breath	36, 54
Baby Rambler Roses	1
Balsam	52
Barberry	26
Barley	60
Basil Sweet	51
Basswood, Linden	20
Beans	38
Beauty Bush	27
Beets	40
Bermuda Onions	47
Birch	20
Bittersweet	25
Blackberries	14
Black Leaf 40	40, 58
Black Locust	19
Black Walnut	16, 19
Bleeding Heart	37
Blueberry	64
Blue Grass	61
Blue Spruce	23
Bolleana Poplar	21
Borage	51
Bordeaux Mixture	58
Borecole	48
Boston Ivy	25
Boysenberry	64

	Page
Bridal Wreath, Spirea.....	31
Bromus Inermis	60
Brussels Sprouts	42
Buffalo Berry	64
Bull Pine	22
Bur Oak	19
Bush Beans	38
Bush Cherry	7
Bush Honeysuckle	28
Butterfly Bush	27
Butternut	16

C	Page
Cabbage	42
Caladium	33
Calendula	53
California Poppy, Escholtzia	54
Campanula	36, 54
Candytuft	52
Cane	61
Cannas	35, 52
Cantaloupe	44
Canterbury Bell	36, 54
Caragana	18, 23, 27
Caraway	51
Cardinal Climber	57
Carnation	37, 53
Carrots	41
Catalpa Bungei	20
Catalpa Speciosa	18, 20
Cauliflower	42
Celeriac	48
Celery	48
Celery Cabbage	43
Celosia, Cockscomb	53
Centaurea	53
Chamomile	51
Cherry	7
Chicory	46
Chinese Bellflower	37
Chinese Cabbage	43
Chinese Elm	18, 20
Chives	16
Choke Cherry	27
Chrysanthemum	36, 52
Clematis	25
Climbing Plants	57
Climbing Roses	24
Climbing Shrubs	25
Clover	60, 61
Cockscomb	53
Columbine	36, 53
Compass Cherry Plum	64

	Page
Coralberry, Waxberry	30
Coreopsis	36, 52
Corn	43, 60, 61
Corn Salad	46
Cornus	27
Cosmos	54
Cottonwood	18
Crab Apple	5
Cress	46
Cucumber	44
Cuphea	52
Currants	15
Cutleaf Weeping Birch.....	21
Cypress Vine	57

D	Page
Dahlia	34, 52
Daisy	37, 53
Day Lily	33
Delphinium	36, 53
Desmodium	27
Dewberry	64
Dianthus	54
Dicentra	37
Digitalis	54
Dill	51
Dogwood	27
Douglas Fir	23
Dried Leaves	51
Dusty Miller, Centaurea	53
Dwarf Blueberry	64
Dwarf Pear	6

E	Page
Elephant's Ear	33
Elm, White	18, 20
Elder	64
Eggplant	49
Endive	46
Escholtzia	54
Eskimo Rose	1
Evergreens	22-23
Everlastings	55
False Dragon Head, Physotegia	37
Farm Seeds	60-61
Fennel	51
Ferns	36
Fertilizer, Vigoro	61
Field Seeds	60-61
Fir	23
Firebush, Japanese Quince	29
Flaming Torch, Tritoma	37
Flax	36

INDEX—Continued

	Page
Flowering Crab	22
Flowering Shrubs	26, 31
Flower Seeds	52-57
Forest Tree Seedlings.....	18, 19
Forget-Me-Not	36, 53
Forsythia	27
Four O'Clocks	53
Foxglove, Digitalis	54
Fringe Tree, Smoke Tree.....	27
Funkia	33

G

Gaillardia	37, 55
Garden Pinks	54
Garden Tools	59
Garlic	50
German Iris	33
Gladiola	35
Globe Flower	29
Godetia	53
Golden Elder	27
Golden Glow	36
Golden Willow	19, 21
Gooseberry	15
Gourds	56
Grape Vine	12, 13
Grass Mixture	61
Grass Seeds	60-61
Grass Pinks, Dianthus	54
Gypsophila	36, 54

H

Hackberry	18, 20
Hansen Bush Cherry	7
Hardy Ferns	36
Hardy Holly	28
Hazelnut	16
Hedge Plants	17
Hegari	61
Hemerocallis	33
Herbs	51
Highbush Cranberry	28
Hollyhocks	54
Honeysuckle	25, 28
Honey Locust	19, 20
Hop Vine	16
Horseradish	16
Hotkaps	59
Hudson Duster	58
Hugonis Rose	1
Huniulus, Hop	16
Hybrid Roses	1
Hydrangea	28
Hypericum	28

1

Inoculator, Nitragin	58
Insecticides	58
Iris	33

J

Japanese Quince	29
Japanese Walnut	16
Junipers	22-23
Juneberry	64

K

Kaffir Corn	61
Kale	48
Kentucky Blue Grass.....	61
Kohlrabi	43
Kudzu Vine	25

L

Lantana	54
Larkspur, Delphinium	53
Lathyrus	25
Lavender	51
Lawn Grass	61
Leek	47
Lentils	50
Lettuce	46
Lilac	29
Lilies	33
Lily of the Valley	33
Lima Beans	38
Linden	20
Locust	19, 20
Loganberry	64
Lupins	54
Lythrum	37

M

Maize Vine	25
Mangel Beets	40
Mallow Marvel	37
Maples	19, 20
Marigold	56
Marjoram	51
Melons	45
Mignonette	54
Millet	60
Milo	61
Mint	16
Mock Orange	29
Moline Elm	20
Moonflower	57
Morning Glory	57

	Page
Moss Acacia	26
Mountain Ash	20
Mugho Pine	23
Mulberry	9, 19
Mushroom	50
Muskmelon	44
Mustard	50
Myosotis	36, 53

N

Nasturtium	55
Nectarines	10
Nioba Weeping Willow.....	21
Nitragin	58
Norway Maple	20
Norway Poplar	19, 21
Nut Trees	16

O

Oak	19, 21
Oats	60
Okra	50
Olive	19, 21
Onion Seeds	47
Oriental Poppy	37
Ornamental Grass	36
Ornamental Gourd	56
Ornamental Plums	23
Ornamental Shrubs	26-31
Osage Orange	19
Oyster Plant	41

p

Pampas Grass	36
Pansy	55
Parsley	48
Parsnip	41
Paul's Double Flowering Thorn.....	23
Peach	10
Peach-Cot	10
Peanuts	50
Pears.....	6
Peas	39
Peat Moss	61
Pennisetum Grass	35
Penstemon	56
Peonies	32
Pepper	49
Peppermint	16, 51
Perennial Plants	36-37
Perennial Rye Grass.....	60
Persimmon	18
Pestroy	58
Petunia	56
Phlox	32, 55
Philadelphus, Mock Orange.....	29
Physotegia	37
Pie Plant, Rhubarb.....	64
Pimento Pepper	49
Pin Oak	20
Pine	22
Plane Tree	20
Platycodon	37
Plums	8
Pole Beans	38
Polygonum, Silver Lace.....	25
Pop Corn	43
Poplars	19, 21
Poppies	56
Portulaca	54
Potatoes	61
Privet	17
Prunes	8
Pruning Paint	58
Prunus Triloba	23
Pumpkin	45
Purple Leaved Plum	23
Pussy Willow	23
Putnam Brooder	59
Pyrethrum	37, 57

B

Radish.....	Rear Outside Cover
Rambler Roses	24
Rape	60
Raspberry	14
Red Cabbage	43
Red Cedar	22
Red Clover	60
Rhubarb	64
Rhus, see Sumac.....	30
Rosemary	51
Rose of Sharon	26
Roses	1
Rondebeckia	36
Rugosa Roses	1
Russian Mulberry	9, 19
Russian Olive	19, 21
Rutabaga	49
Rye Grass	60

§

Saffron	51
Sage	16, 37, 51
Salsify	41
Salpiglossis	57

	Page
Salvia	56
Savoy Cabbage	42
Scabiosa	54
Scotch Pine	22
Sea Lavender	37
Seed Department	38-61
Seedlings	18, 19
Service Berry	64
Shasta Daisy	37
Siberian Pea Tree.....	23, 27
Silver Lace Vine.....	25
Silver Maple	19, 20
Slug Shot	58
Smoke Tree	27
Snapdragon	52
Snowball	30
Snowberry	30
Soft Maple.....	19, 20
Sorghum	61
Sorrel	51
Soy Beans	60
Spinach	48
Spirea	31
Sprayers	58
Spray Material	58
Spruce	23
Squash	45
Statice	37
Stock Carrots	41
Strawberry	11
Strawflower	55
Stuart Pecan	16
Sudan Grass	60
Sugar Beets	40
Sugar Maple	20
Sugar Pea	39
Sumac	30
Summer Cypress	54
Summer Savory	51
Sunflower	60
Swedes	49
Sweet Clover	60
Sweet Corn	43
Sweet Peas	55
Sweet Pea Shrub.....	27
Sweet William	54
Swiss Chard	40, 48
Sycamore	20
Syringa, Mock Orange.....	29

T

Tamarix	30
Tea Roses	1
Tea's Weeping Mulberry	21
Thornless Honey Locust	19, 20
Thyme	51
Timothy	60
Tobacco	50
Tobacco Dust	58
Tomato.....Rear Outside Cover	
Trailing Periwinkle	25
Tree Wax	58
Tri-Ogen	58
Tritoma	37
Trumpet Vine	25
Tuberose	33
Turnip	49

U

Umbrella Tree, *Catalpa Bungei*.....20

V

Varnish Tree	22
Vegetable Seed	38-51
Verbena	37, 55
Veronica	37
Vigoro	61
Vinca, Trailing Periwinkle	25, 37
Violets	37
Virginia Creeper	25
Volga Poplar	21

W

Walnut	16, 19
Watermelon	45
Waxberry	30
Weeping Forsythia	27
Weeping Trees	21
Weeping Willow	21
Weigela	30
White Ash	18, 20
White Clover	61
Willows	19, 21
Winterberry, Hardy Holly.....	28
Winter Radish.....	Rear Outside Cover
Wistaria	25
Woodbine, Virginia Creeper.....	25
Woodruff	51
Wormwood	51

Y

Yellow Locust, Black Locust.....	19
Youngberry	64
Yucca	37

Z

Zinnla57

Boysenberry The largest of all berries known; 60 to 80 berries fill a pint basket, while of blackberries it would take 200 berries or more. Berries 1½ to 2 inches long and 1 inch thick are not unusual. The plant is a cross between Blackberry, Raspberry and Loganberry, combining size, heavy bearing and fine taste of these fruits. Boysenberry will be a moneymaker for the market gardener; it is just becoming popular; start a planting now. The plant has stood 17 degrees below zero without damage, and it came through the extreme heat and dry weather of last summer in splendid shape. It was not attacked by grasshoppers or other insects. The canes can be tied to stakes or to wires same as most other berry varieties. Good rich garden soil, or where the soil is rather light, a heavy application of well rotted barn manure will produce enormous crops. Easiest culture. Plant Boysenberries: you will like them. Nice plants, 3 for 40c; 10 for \$1.15; 25 for \$2.70; 100 for \$10.00; postpaid.

Dwarf Blueberry For this plant you need a low, wet place, shaded, where the soil usually turns sour and few, if any other plants would grow. Such a spot is just the right place for the Dwarf Blueberry; it increases rapidly, making a pretty dense growth of heavy producing plants about 15 inches high. I do not recommend this plant for dry land or sunny places. The berries are of good size, black with a blue bloom, very sweet; excellent for fresh dessert fruit, drying or for canning. Perfectly hardy, even in the extreme North. Plants are scarce, order early. 3 for 50c; 10 for \$1.50; 25 for \$3.00; postpaid.

Loganberry A cross between a Blackberry and a Raspberry. Fruit extra large, dark red, with mild, pleasant and vinous flavor. Seeds small, soft and few; plant grows strong, bears large clusters of berries. In Nebraska and north of here it should have a cover over winter, consisting of straw. More Loganberries should be planted, as it is one of the finest berry fruits that can be had. Nice plants, 30c each; 3 for 75c; 10 for \$2.20; 25 for \$5.00; 100 for \$17.00; postpaid.

Youngberry This new berry has been introduced in recent years. The plant is a vigorous grower, and a heavy bearer: it is hardy in the Middle West; however, I recommend a light cover of straw over winter for best results and extra good bearing. The berries are as large as Loganberries, purplish-black; in quality they resemble raspberries. Nice plants, 3 for 30c; 10 for 80c; 25 for \$1.80; postpaid.

American Elder (Sambucus Canadensis.) A native shrub of tall growth with stout stem, eventually growing into tree form. The small white flowers come in large flat clusters, fragrant, and appearing in spring. At that time the shrub is very showy. Later there are many large clusters of black berries which ripen in August and September. Birds are very fond of the berries, and in many instances they are used for cooking and for coloring of fruit juices. For centuries this Elder furnished its flowers, berries, even its leaves and bark for medicinal purposes, and is still regarded as a drug-yielding plant. 2 ft. shrubs, 25c each; 3 for 65c; 10 for \$1.50; postpaid.

Dewberry The variety I sell is Lucretia Dewberry. It is of the blackberry type, trails on the ground. The new growth is left on the ground for the first winter, where it can be covered conveniently with straw or leaves. The following spring, after cutting off all old canes, the new growth of previous year is tied up to the wire trellis or stake for bearing. The berries are larger than regular blackberries, and the plant bears extra well. Nice plants, 3 for 25c; 10 for 60c; 25 for \$1.25; 100 for \$4.00; postpaid.

Juneberry or Service Berry A good substitute for the large Swamp Huckleberry or Whortleberry, which it resembles in appearance and quality. Fruit comes in clusters, reddish-purple in color, changing to bluish-black when fully ripe. Flavor a mild, rich sub-acid; excellent as a dessert fruit or canned. It is extremely hardy, not thorny, grows bushy to a height of 7 or 8 ft. Would make a nice ornamental shrub also, and is often used for that purpose, as it is very showy when in full bloom. Juneberry makes no fiber-roots; it is not a fast grower, but lasts for many years. I would call Juneberry a desirable combination flowering and fruit plant. 30c each; 3 for 75c; 10 for \$2.20; postpaid.

Buffalo Berry Shepherdia. Red berries about the size of currants literally covering twigs and branches. Make excellent preserves and jelly. Bush absolutely hardy; would also make a desirable ornamental shrub. I am offering this shrub at the request of many of my customers. 30c each; 3 for 75c; 10 for \$2.10; prepaid.

RHUBARB---Pie Plant

Fancy Giant Rhubarb Heaviest producing Rhubarb on the market, with very good quality. Stalks heavy, 12 to 16 inches long, lower half red outside. Tender, with fine flavor. I furnish whole roots, no old root-divisions, and for this year I have only the top-size roots for immediate production. Heavy roots, 1 inch and up in thickness, 3 for 40c; 6 for 65c; 12 for \$1.00; 25 for \$1.85; prepaid.

Ruby Red Rhubarb The new red-meated Rhubarb of very fine flavor—for table use superior to the green-meated varieties. Stalks grow to a very good size, almost as long as the Giant, medium to heavy in thickness. Plant the roots in good garden soil, so deep that the root grown will be about ½ inch below the surface of the soil. Water well at planting time. A shady or partly shaded place is best for all Rhubarbs. Frequent watering in dry weather will keep up a steady production. No. 1 divisions, strong plants, 55c each; 3 for \$1.50; prepaid.

Asparagus---Washington---Rustproof

2-year, strong roots, 10 for 30c; 25 for 50c; 50 for 85c; 100 for \$1.50; 500 for \$6.50; prepaid.

Exceeds in quality and heavy bearing any of the older varieties of Asparagus. Can be grown successfully most anywhere, its quality is unsurpassed for home use or for the market, and it is the one Asparagus that is rust-proof. An Asparagus bed planted properly will remain in good bearing condition for many years, and will continue to provide your table with one of the finest fresh vegetables, without resowing every year. Plant an Asparagus bed this year.

How to Grow Asparagus

Manure the ground heavily, using well rotted barn manure. Make a trench 8 to 10 inches deep. Have 4 inches of good rich ground on the bottom, spread the roots out evenly and fill in about 3 to 4 inches of soil. Leave the rest of the trench lay open for the first summer. Let all stalks grow the first year. Fill the trench up in the fall of the first year. Let several stalks grow on each plant the second year. In the third year allow one stalk per plant to grow up, cut all others as soon as they appear above the ground. Cultivate occasionally. Plant 1 ft. apart in the row, the rows 3 ft. apart.

Compass Cherry-Plum---for immediate bearing

A Compass Cherry-Plum tree planted this spring will begin to bear not later than next year, in many instances they begin to bear the year of planting. This tree bears extremely heavy, the limbs are covered with fruit, propping of the limbs should not be neglected to carry the load of fruit without damage to the branches. The tree is hardy most anywhere, will even succeed where regular cherries cannot be grown successfully. The fruit is of nice size, on the plum type in size and shape, quality very desirable for fresh fruit and for preserves, canning, etc. The tree being of dwarf habit does not require much space, can be planted 12 feet apart, or can be used as filler trees between other fruit trees in new orchard plantings. For the home use a few of these trees should by all means be included in every orchard. Can also be planted in the farm-yard, where the tree when in full bloom will take the place of the finest flowering tree.

New Low Prices on Compass Cherry-Plum

	1	3	10
2-3 ft. prepaid.....	\$0.30	\$0.80	\$2.40
3-4 ft. prepaid.....	.40	1.00	3.00
4-6 ft. extra nice trees, Express .....	.55	1.50	5.00

[illegible]

SEED ORDER

SLUG SHOT. The only non-poisonous insecticide for use on cabbage, celery or anything that is used in the kitchen. Apply in dust form. Pound, 33c postpaid. For larger quantities see page 58.

Do not forget to order our **Three-in-One Inoculator**. One small container is enough for your Beans, Peas and Sweet Peas. Price 20c, postpaid (See Nitragin, page 58).

BE SURE TO GIVE YOUR FULL NAME AND ADDRESS, WITH FULL SHIPPING INSTRUCTIONS ON OTHER SIDE

In Case Price Is Wrong or Price Has Changed:
Shall we fill exact amount ordered and adjust price later? _____ Or shall we fill exactly

the amount of money sent? _____ If out of variety ordered do we have your permission to

substitute equal or better in the nearest we can supply?

Date Filled	
Filled by	
Welghed by	
Checked by	
Book No.	

[illegible]

...for your
best
Friend....

*Please hand
him this slip.*

The book that lies before you has been prepared by expert nursery men. It is to help more people to have better fruit, better vegetables, finer flowers, and more of them than ever before. Instead of exaggerating on any particular item, this book tells you the truth, good or bad, about all varieties, so that you will not be misguided. To help you get the best results from your plantings this book gives you expert planting instructions. Make Sonderegger's gardenbook your guide for a better garden in 1940.

We advance all postage allowances. Be sure to state your Express Station.

ORDER SHEET

Did you Move? If so please give former address

BEATRICE, NEBRASKA

Date 1940

All Remittances by Postoffice Order, Express Money Order, Bank Draft and Registered Letter at our risk. Do not send currency in ordinary letters without registering—it is not safe.

Your Name _____
(If convenient, always order in the name of the same member of your household).

Postoffice

Street

Rural Route No. _____ Box _____

County _____

State

Always Name Your

Freight and Express Station { If different from Post-office, give name of the town or city in which your nearest freight or express office is located.

How shall we ship, Freight, Express or Parcel Post?

Name your Railroad Co.

Total Amt. enclosed, \$

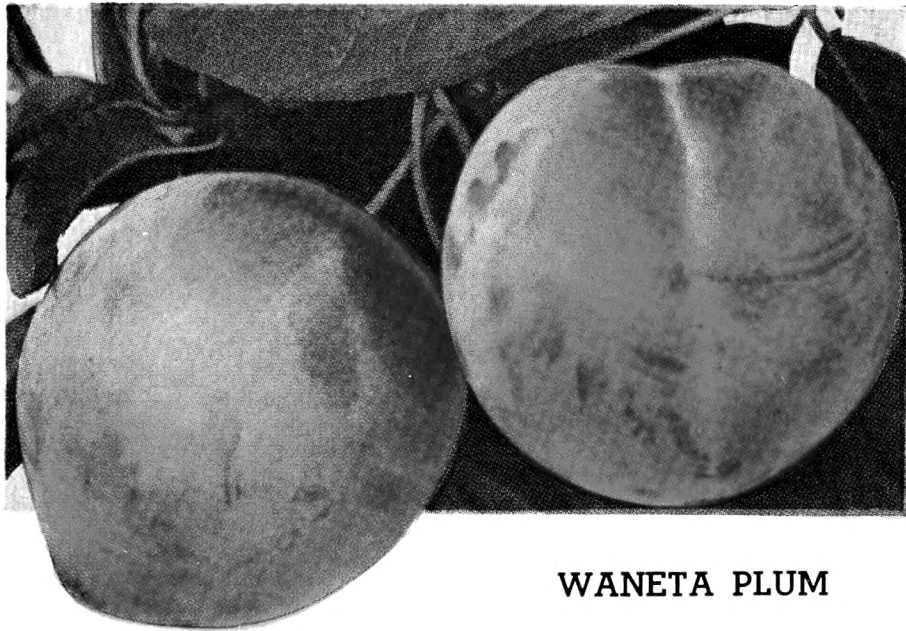
VERY IMPORTANT: YOUR ADDRESS SHOULD BE COMPLETE AND PLAINLY WRITTEN ABOVE.

[illegible]

Sonderegger

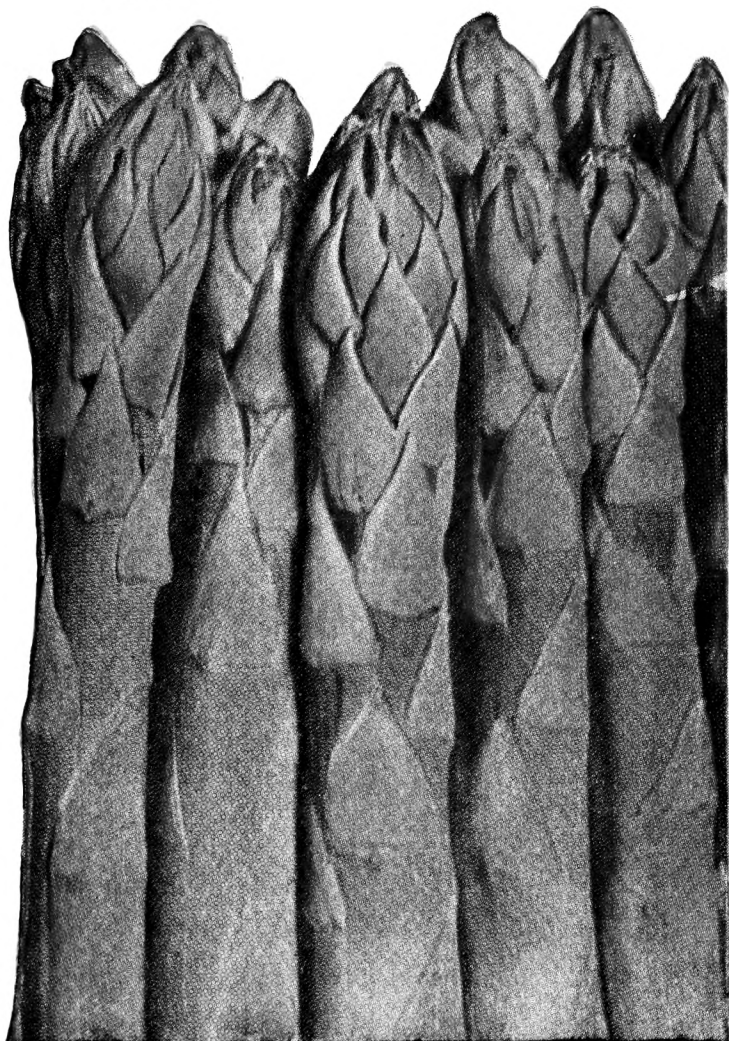
TREES AND SEEDS THAT GROW
Established 1886

Hardier, Healthier
Trees and Plants
NEW LOW PRICES

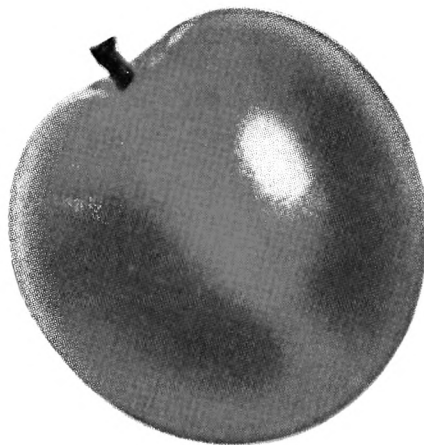


WANETA PLUM

Largest, most profuse bearing of all hardy plums, bears very young. Also see page 8. 3 trees, 3-4 ft., \$1.10, post-paid. 3 extra heavy trees, 5-6 ft., \$1.40, express.



WASHINGTON RUST-PROOF
ASPARAGUS

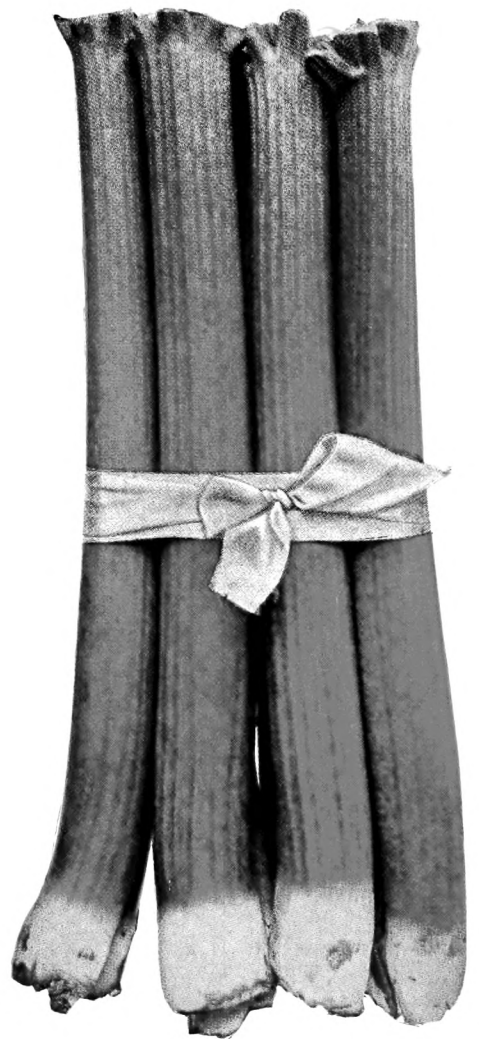


COMPASS
CHERRY-PLUM

Hardy, Enormous Bearer.

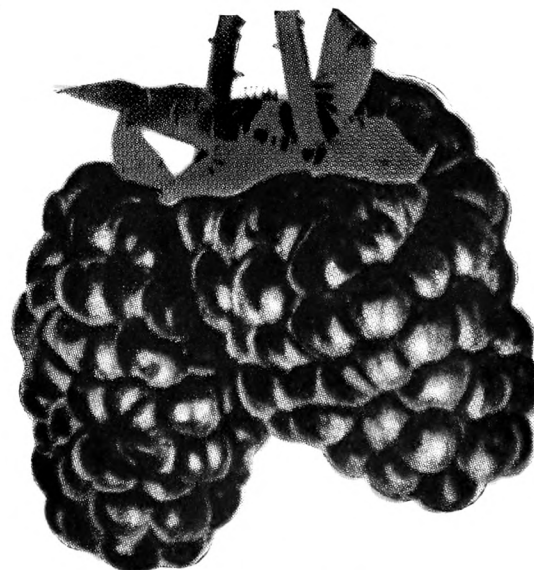


LOGANBERRY



GIANT RHUBARB

For Extra Heavy Production.



BOYSENBERRY

Abundant Producer, Giant Type Berry.

Prices of all Radish Seeds

No.	Variety	Pkt.	BULK SEED	
			Oz.	Lb.
553	Sonderegger's Giant Butter	10c	20c	40c
554	Sparkler	5c	12c	25c
555	Early Bird	7c	15c	30c
556	Sonderegger's Icicle	8c	15c	30c
562	Sonderegger's White Pearl	10c	20c	40c
568	French Breakfast	5c	10c	25c
580	Rose China	10c	15c	30c
582	California Mammoth	5c	15c	30c

Postpaid, safe delivery guaranteed.

553 SONDEREGGER'S GIANT BUTTER. Extra crisp, large; does not get pithy. The best there is.

555 EARLY BIRD (20 days.) Rich scarlet, snow white crisp flesh.

562 SONDEREGGER'S WHITE PEARL. (21 days.) Pure white, smooth, round, unsurpassed crispness and flavor.

568 FRENCH BREAKFAST. (25 days.) Bright scarlet with white tip. Crisp, excellent quality.

554 SPARKLER. (20 days.) Solid, crisp, it is a favorite for market or home garden.

556 SONDEREGGER'S ICICLE. (24 days.) Mild, extra fine quality, long, white, smooth.

WINTER RADISHES

580 ROSE CHINA. (60 days.) Bright rose, flesh white, mild, a very fine late radish that keeps well.

582 CALIFORNIA MAMMOTH. (65 days.) Pure white, keeps well. Crisp, rather mild, very pleasing. Extra large, smooth.



"Big 3" Radish Collection

Sparkler, Icicle, Early Bird.

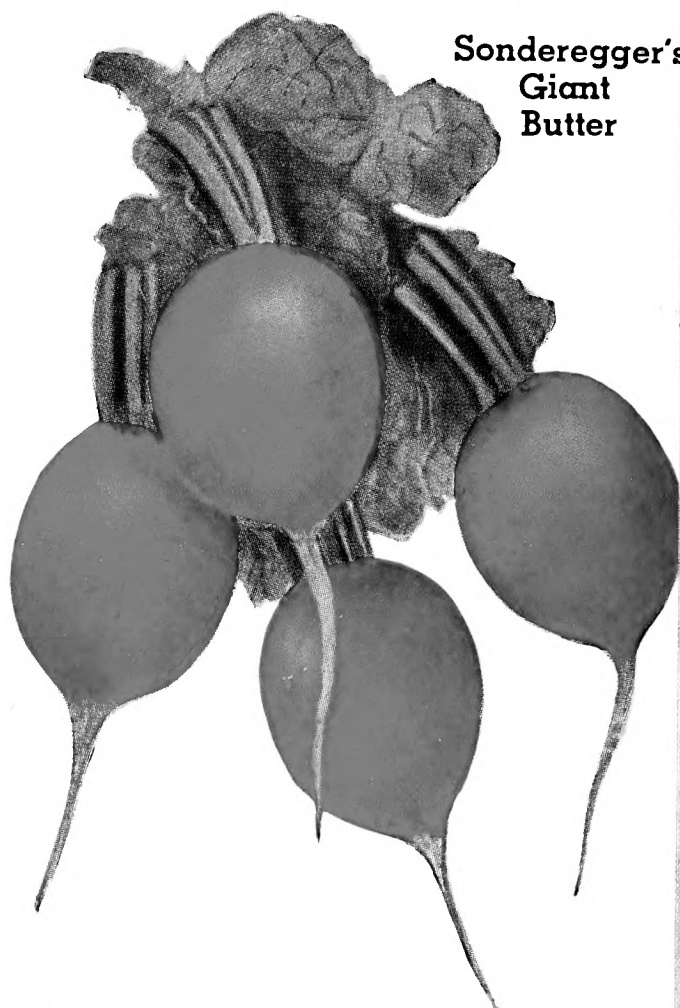
1 Packet of Each

15¢



Pritchard or Scarlet Topper

Finer Radishes



Sonderegger's Giant Butter

Tomatoes for Better Bearing

"Big 3" Tomato Collection

Spark's Earliana
Pritchard
New Marglobe

1 Large Packet of each, postpaid...

18¢

623 NEW PENN STATE. Medium to large globular tomato, scarlet, flesh dark red, superb quality, with very few seeds. Early, resists drought well.

624 BEEBE'S EARLY PROLIFIC. For the home one of the best early, heavy producer.

625 ALBINO—WHITE. Contains no acid. Ivory white, no trace of red, solid white flesh.

626 PRITCHARD OR SCARLET TOPPER. Very solid, with heavy thick walls. A splendid producer.

623 SPARK'S EARLIANA. Large, fine quality, grows compact, stoutly branched, bears well.

629 NEW MARGLOBE. Second early, large, round and smooth, purplish red. For home or market, bears abundantly.

638 PONDEROSA. Extra large fruit, solid, fleshy, with small seed cells. Deep purplish pink. One of the older sorts.

640 NEW STONE. Large scarlet, smooth and ripening evenly without cracks.

648 YELLOW PEAR. An early yellow tomato, small size, bright yellow, rich in flavor. Produces heavily, used mainly for preserves.

652 BISON. Very early, of medium size, very solid. A strong grower, and heavy bearer, resists drought extra well.

No.	Variety	Pkt.	Bulk Seed	
			1/2 oz.	1 oz.
623	New Penn State	10c	25c	45c
624	Beebe's Early Prolific	8c	20c	30c
625	Albino White	10c	30c	30c
626	Pritchard	10c	20c	30c
628	Spark's Earliana	5c	15c	25c
629	New Marglobe	10c	20c	35c
638	Ponderosa	10c	35c	60c
640	New Stone	5c	20c	30c
648	Yellow Pear	10c	30c	50c
652	Bison	10c	30c	50c

Postpaid, safe delivery guaranteed.

